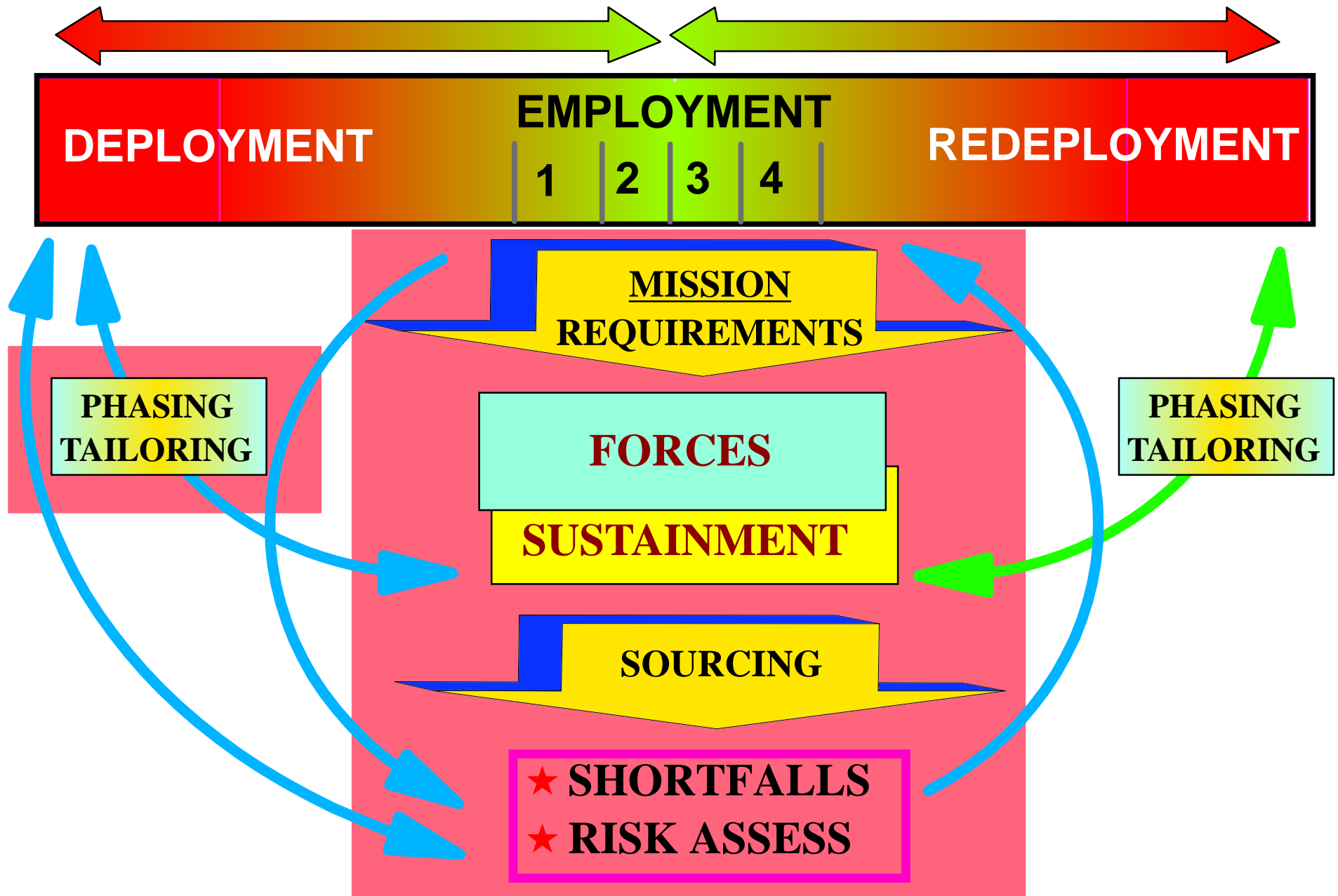




SUSTAINMENT PLANNING

FORCE DEPLOYMENT PLANNING AND EXECUTION

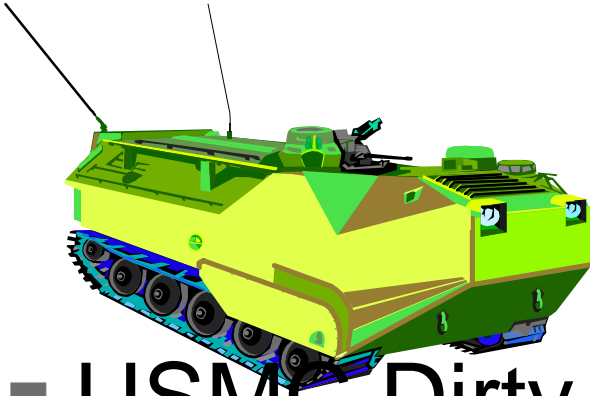


Focus on Sustainment



- What is the Context
- Who are the Players
- What do they do and How
- Why (Larry wanted this one)

Context



- USMC Dirty Laundry
- Changing Times (The Barn is not as full as it was; resources are tight; usage requirements are greater.)
- Training
- Peacetime processes don't match wartime activity requirements.

Setting the Stage (Sustainment Planning)

- The Players
 - ▶ HQMC
 - ▶ MARCORLOGBASES
 - ▶ MARCORSYSCOM
 - ▶ MARFORs
 - ▶ MEFs
 - ▶ FSSGs
 - ▶ MAGTF with the mission

HQMC

MARFOR

Supporting Establishment

**STRATEGIC
LOGISTICS**

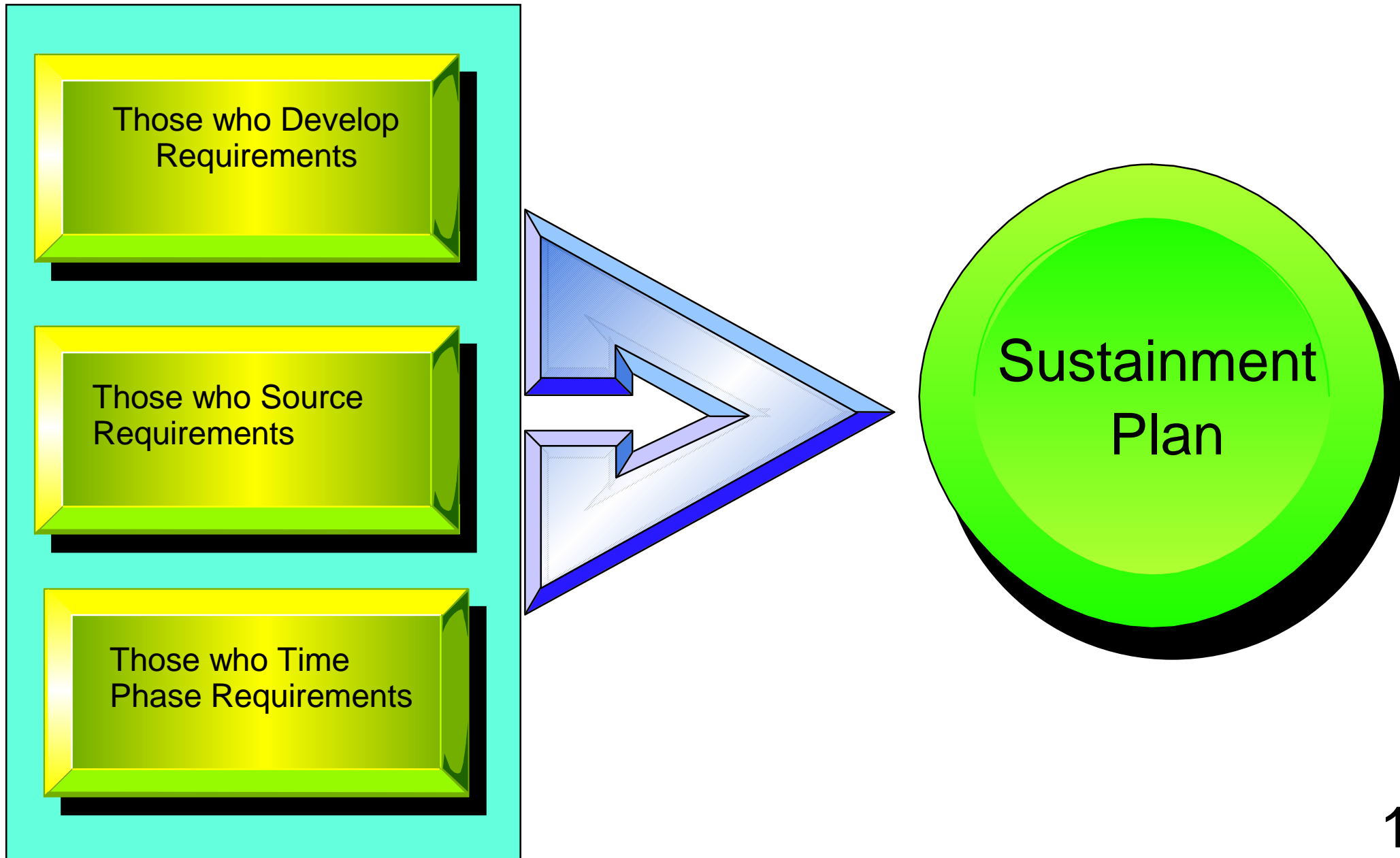
**OPERATIONAL
LOGISTICS**

**TACTICAL
LOGISTICS**

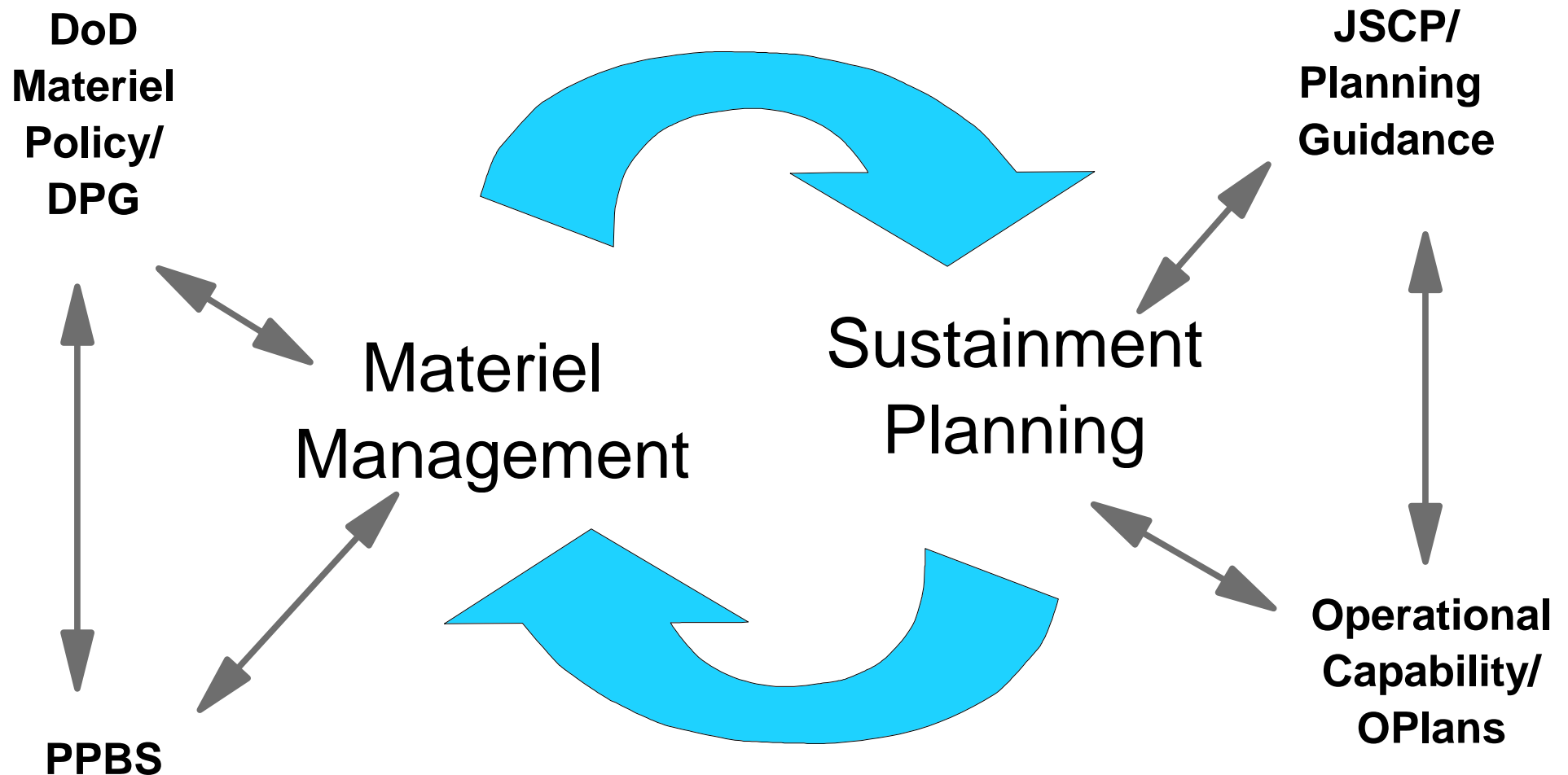
MEF

FSSG

Players in the Process



Interaction of Processes



Programmatic Focus

Operational Focus

Activities

■ Crisis

- Identify requirements
- Time Phase
- Source
- Identify Unsourced Requirements
- Identified Shortfalls
- Determine Risk
- Execute
- Clean up the Mess

■ Peacetime

▶ PPBS

- RECOMP
- Registration and Evaluation

▶ Deliberate planning

- Identify requirements
- Time Phase
- Source
- Identify Unsourced Requirements
- Identified Shortfalls
- Determine Risk

WAR RESERVE SYSTEM (WRS)



PRIMARY CAPABILITIES

- REQUIREMENTS DETERMINATION
- SUPPORT TEST
- SOURCING
- WITHDRAWAL

WAR RESERVE REQUIREMENTS DETERMINATION

- Compute ground equipment and supplies for Classes of Supply I, II, III(P), IV, VII and IX
- Requirements computed at two levels
 - ▶ MEF-level (Plan 0)
 - ▶ Plan-level (Plans 1-99)

MEF-level (Plan 0)

- Executed annually
- Provides overall picture of Total Force sustainment requirements
 - ▶ Applies T/Es against HQMC-designated CARF for TAMCN items
 - ▶ Applies T/O data for Class I and selected Class II
 - ▶ Applies usage data for Classes III and IX

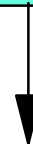
- Facilitates registration of requirements
- Provides attainment goals for item managers
- Used by Stratification process for POM and budgetary purposes

Force-held
(SASSY)



Fixed levels maintained
by SMU/Supply Bn

Unsourced (SCS)



MARCORLOGBASES



Acquisition or further
registration with IMM

PLAN-Level

(Plans 1-99)

War Reserve: The Mystery Revealed

- Criteria for selection of items for war reserve
 - ▶ Items essential for combat forces to:
 - destroy the enemy or it's capacity to wage war
 - provide personnel battlefield protection
 - detect, locate, and maintain surveillance of the enemy
 - communicate under war conditions
 - Items required to sustain the forces
 - Known long lead-time items or single-production source

Planning Parameters

- Force structure/flow (including Reserve forces)
- MPS employed? Off-set by selected classes of supply
- Duration/combat intensity
- Periods of support
 - ▶ General data -- resupply delay time, demand factors, safety level, order ship time
 - ▶ Plan-specific data -- temperature zone, ration mix, EPW factors, additional forces attached (NCF), MIC percentages, TAMCN commodity code/ID number data
 - ▶ Remain Behind Equipment readiness factors

Sustainment Computation

- Specific Classes of Supply
 - ▶ Class I -- Based on personnel strength and ration mix
 - ▶ Class II -- Based on personnel strength and /or T/E and CARF
 - ▶ Class III(P) -- Based on demand/usage data
 - ▶ Class IV -- Based on mission
 - ▶ Class VII -- Based on allowance and CARF
 - ▶ Class IX -- Based on end item density and usage

SUPPORT TEST/SOURCING

- **Individual Plan**
- **Family of Plans in support of specific scenario**
- **Retail-level**
- **MARCORLOGBASES(Wholesale-level)**

SUSTAINMENT SOURCING

- **Specific Classes of Supply**
 - ▶ **Class I -- MARCORLOGBASES (less LFORM and MPS)**
 - ▶ **Class II -- General Account/Supply Bn and/or MARCORLOGBASES**
 - ▶ **Class III(P) -- General Account/Supply Bn and/or MARCORLOGBASES**
 - ▶ **Class IV -- General Account/Supply Bn and/or MARCORLOGBASES**
 - ▶ **Class VII -- MARCORLOGBASES (less RBE)**
 - ▶ **Class IX -- General Account/Supply Bn and/or MARCORLOGBASES**

MARCORLOGBASES sourcing

- **Unsourced requirements passed to MARCORLOGBASES**
- **Sourced from:**
 - ▶ **Stores-held assets**
 - ▶ **MC-owned, DLA/IMM held assets**
- **Service shortfalls passed to DLA/IMM for further sourcing**
- **Results to MARCORLOGBASES**
- **Final shortfalls identified to MARFOR for LSA/Risk Assessment**

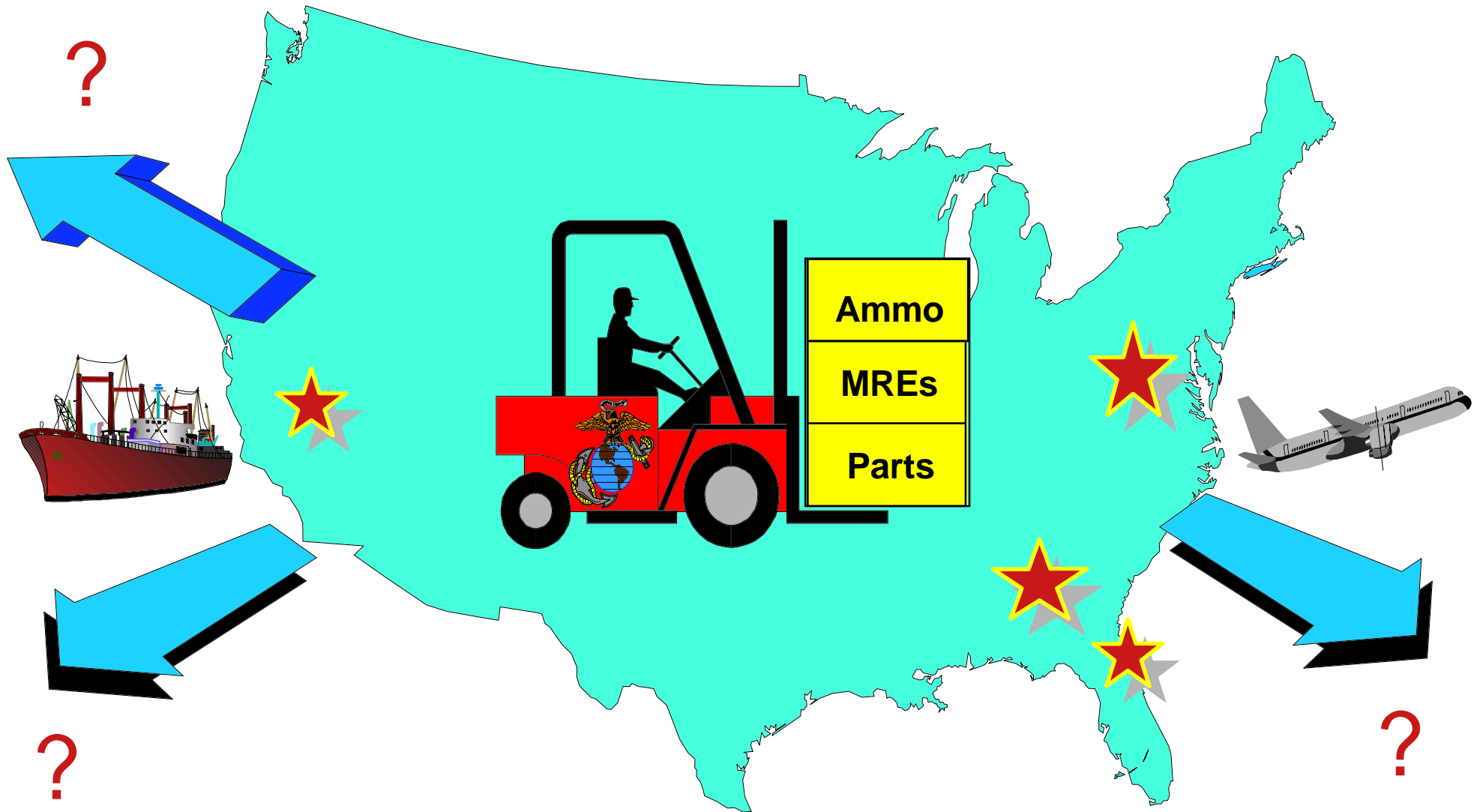
WITHDRAWAL PROCESS

- **Generates issue documents to supply/
inventory system(s)**
 - ▶ **Retail transactions DIC B01**
 - ▶ **Wholesale transactions DIC's Z11/A01**
- **Creates buys for direct delivery to SOS
for backorders/shortfalls**



Sustainment Policy

Who Gets What--When?



Materiel Apportionment

- ▶ **Who gets what?**
 - Empty the barn for first MRC?
 - How much to retain?
- ▶ **Starter vs Swing stocks**
- ▶ **Joint Staff guidance**
 - Service Guidance (Mobilization & Regeneration)
- ▶ **CIS Impacts?**

Allocation in a Crisis

Remain Behind Equipment (RBE)

- **ISSUE: RBE Accountability Policy**
- **FINDINGS:** At some point, RBE will be declared excess. Until then, the Force Commander retains ultimate accountability for its disposition. Because the internal redistribution process at all levels could go on indefinitely, a goal of 30 days was set to expedite its completion.
- **Recommendation:** Accountability will remain with the Force Cmdr, until 30 days from the beginning of the deployment, when all remaining RBE will be declared excess.

DEFINE RBE

- **ISSUE: Define Remain Behind Equipment (RBE)**
 - **FINDINGS:** JCS Pub 1-02 defines RBE as that equipment left behind when a unit deploys. Policy proposed will address different actions required at each level for this equipment. This simple definition is sufficient.
 - **RECOMMENDATION:** RBE is that unit's equipment or materiel that is not listed in the time Phased Force Deployment (TPFDD) as earmarked for deployment.

DEFINE RBE COMPUTATION

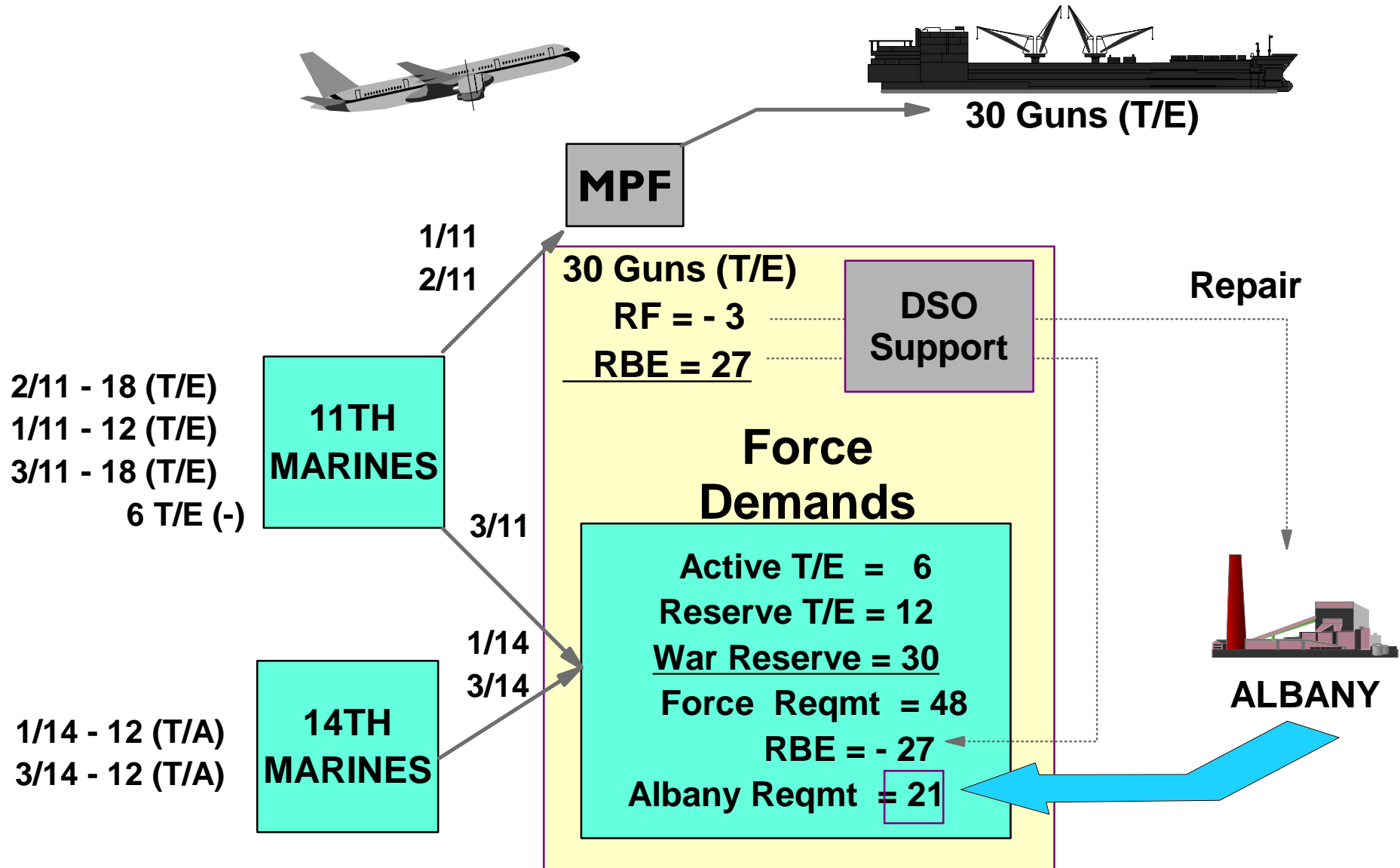
- **ISSUE:** Define RBE computation.
- **FINDINGS:** After the MEF Commander fills his priorities (T/E deficiencies, maintenance deadlines, initial sustainment, SMCR initial issue), the Force Commander will perform a similar process, and declare the balance of the RBE excess.
- **RECOMMENDATION:** $RBE = O/H - (FIE + FOE)$

RBE-RF

COMM-ELEC	.84 (16%)	.90 (10%)
ENGINEER	.78 (22%)	.80 (20%)
MOTOR TRANSPORT	.74 (26%)	.74 (26%)
ORDNANCE	.88 (12%)	.90 (10%)
	CNA - Feb 94	CNA - Jun 95

UNCLASSIFIED

Remain Behind Equipment (RBE) 155mm Howitzer



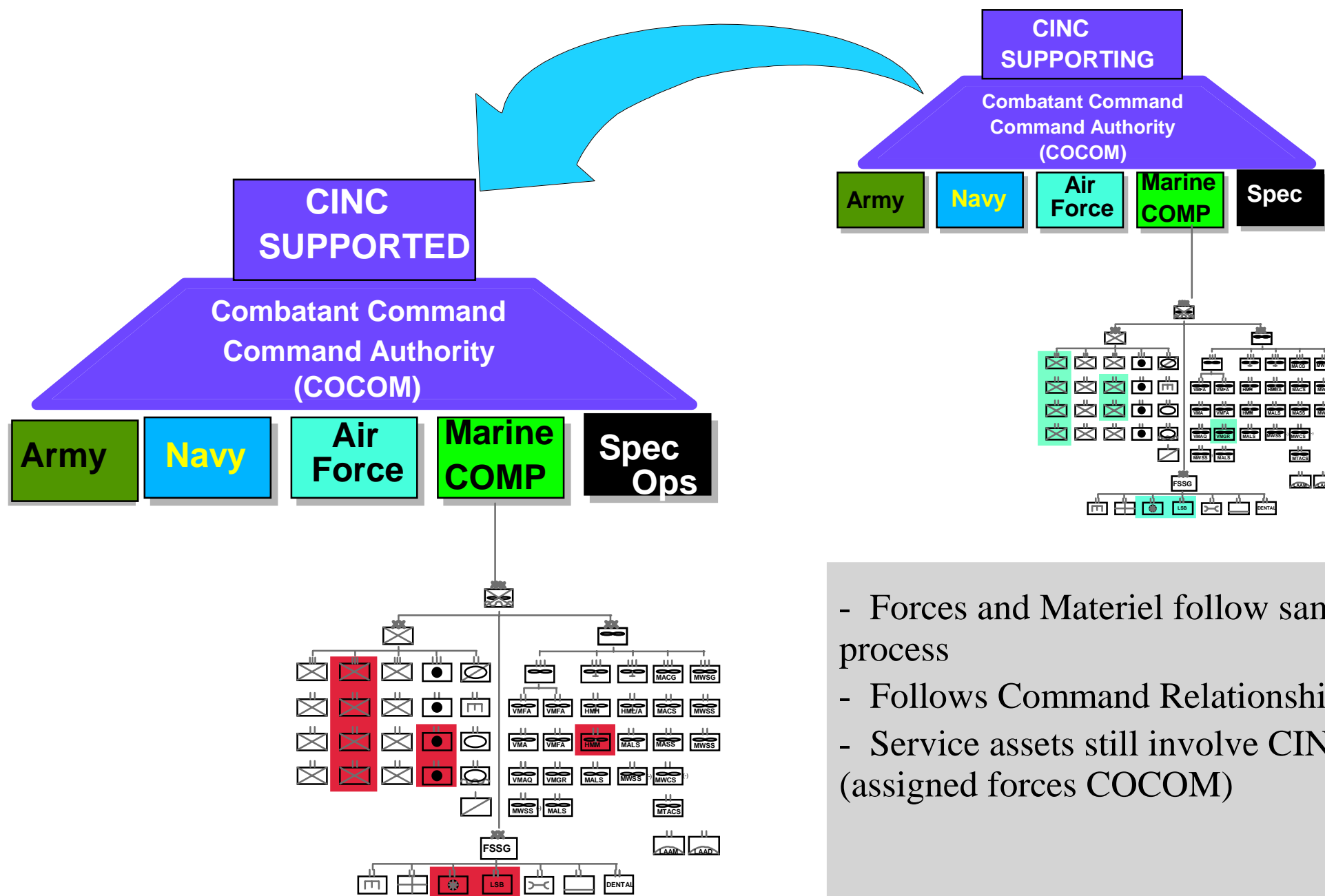


Developing Sustainment Requirements and Sourcing

Determine Sustainment

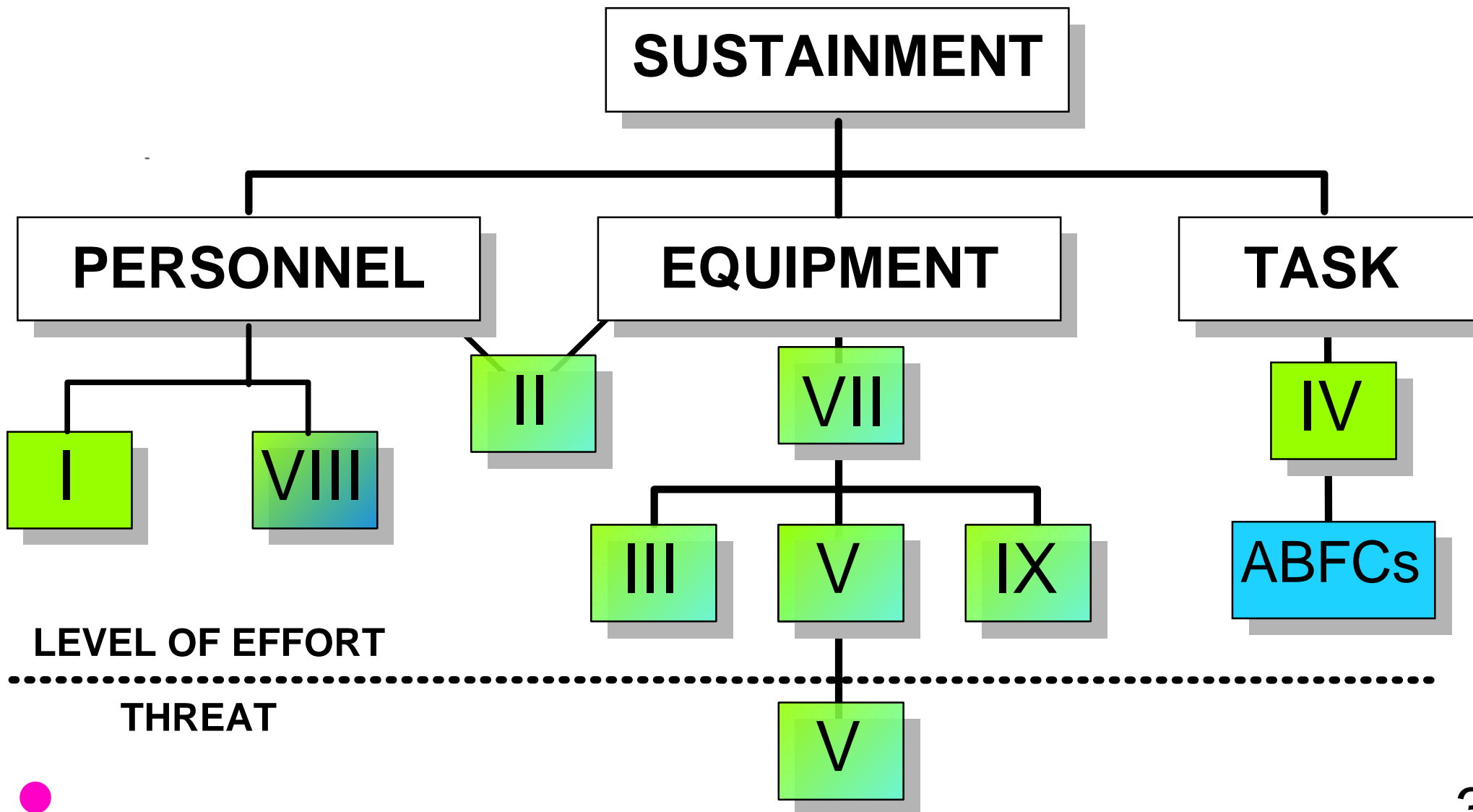
- By CLASS and SUBCLASS (Ground and Aviation)
- Determined by MAGTF Commander EMPLOYING the Force
- For Length of Operation
- Determine "S-DAY"
 - ▶ First Day Sustainment is Used
 - ▶ Based on Force Phasing

SOURCE FORCES AND MATERIEL



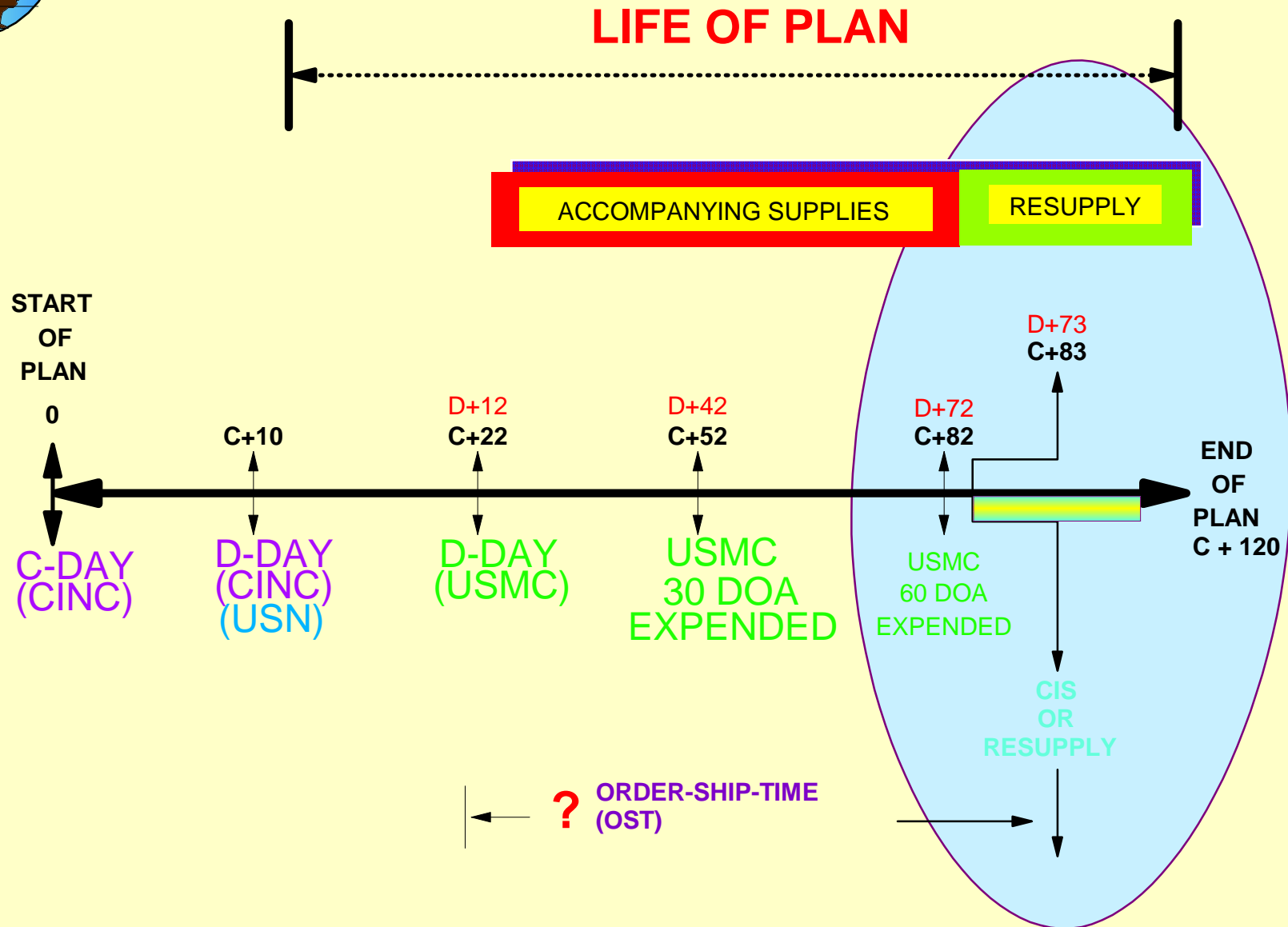
- Forces and Materiel follow same process
- Follows Command Relationships
- Service assets still involve CINC (assigned forces COCOM)

RELATIONSHIPS FOR MATERIEL REQUIREMENTS





Sustainment Timeline

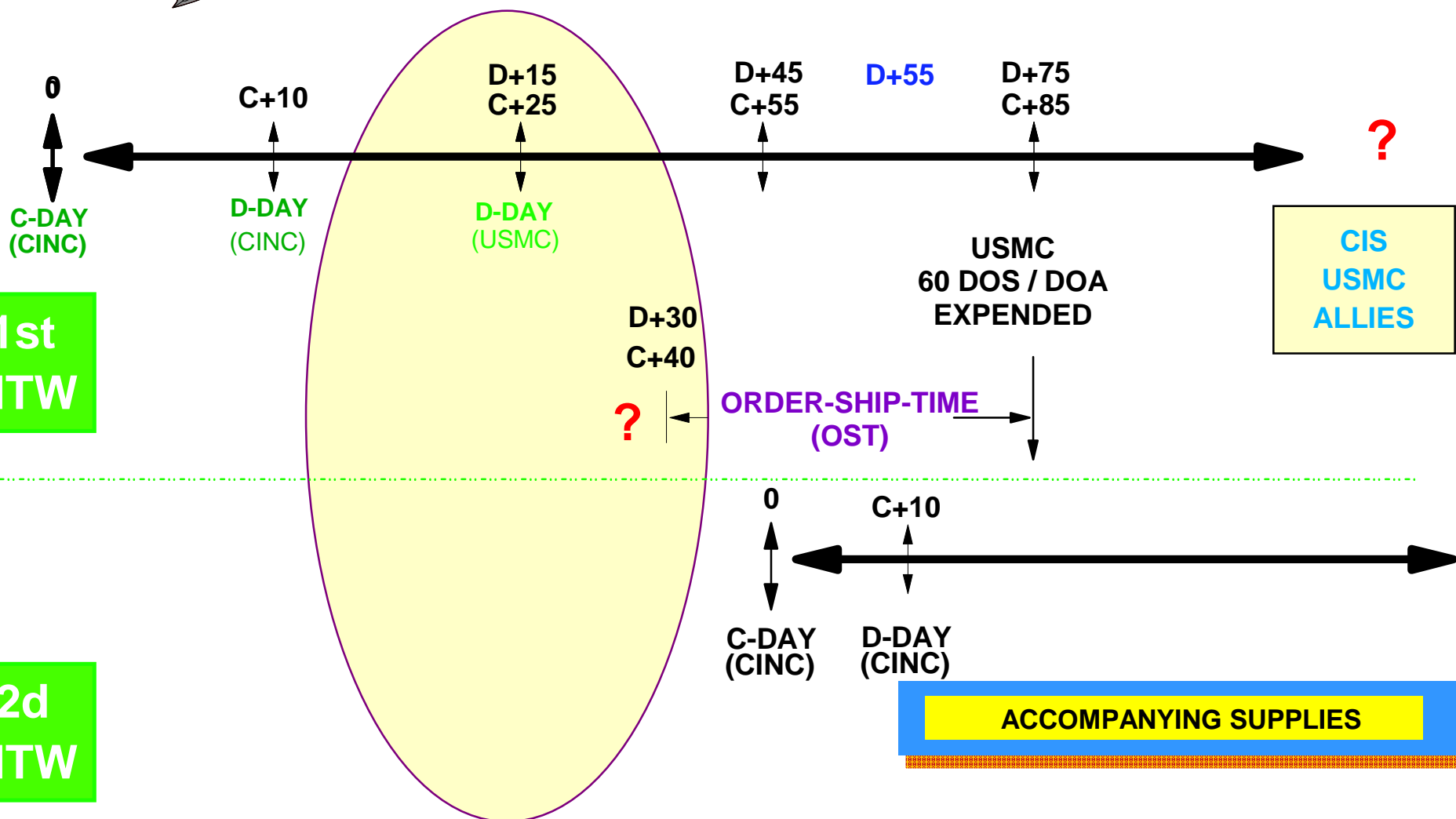




Material Support (1st vs. 2d MTW)

ACCOMPANYING SUPPLIES

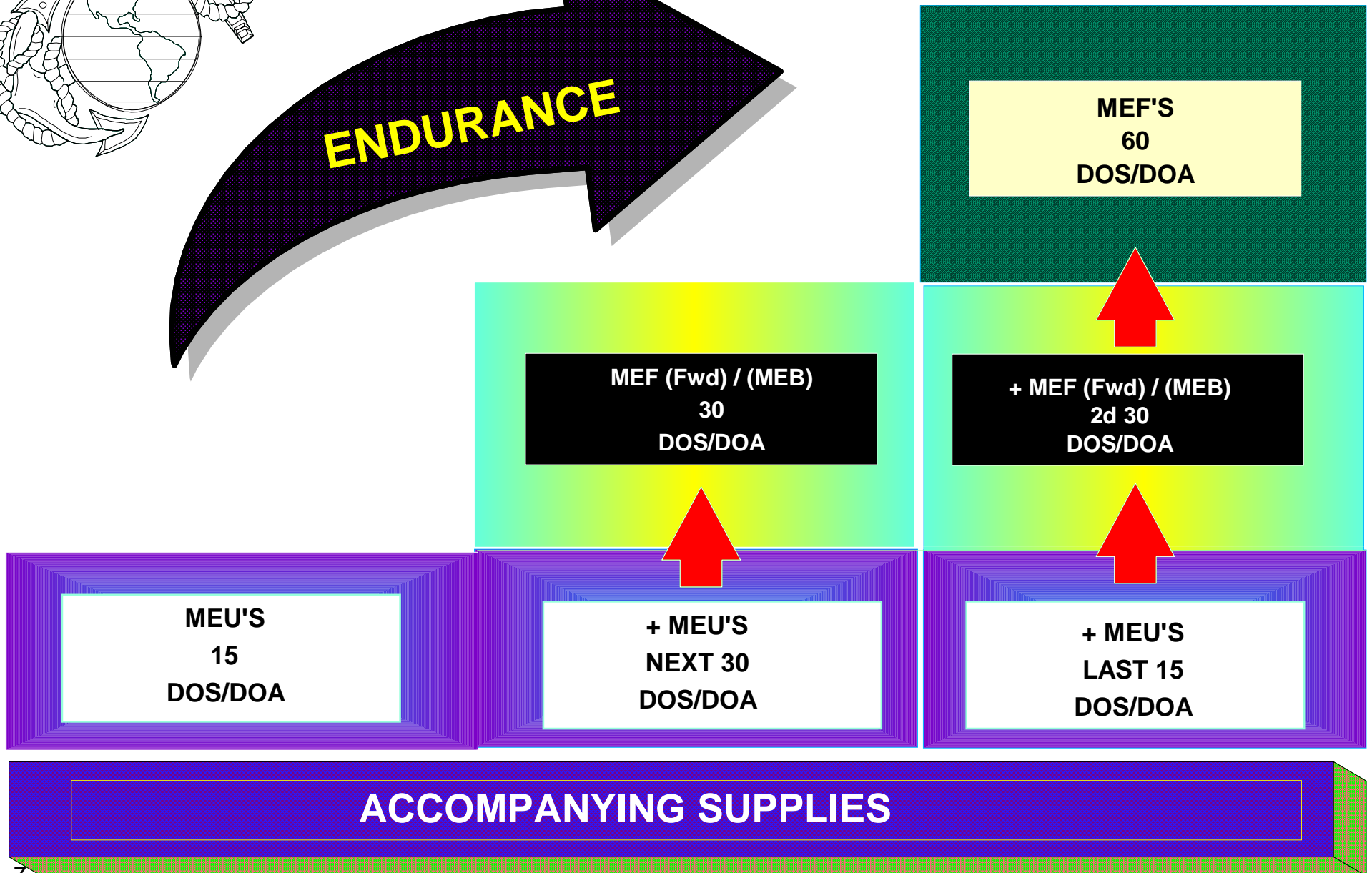
RESUPPLY



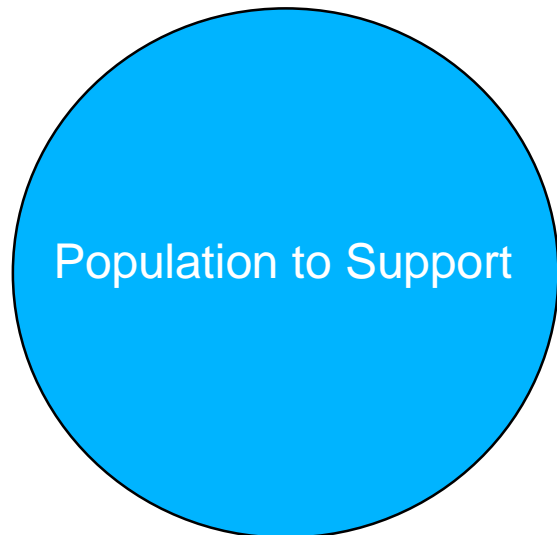
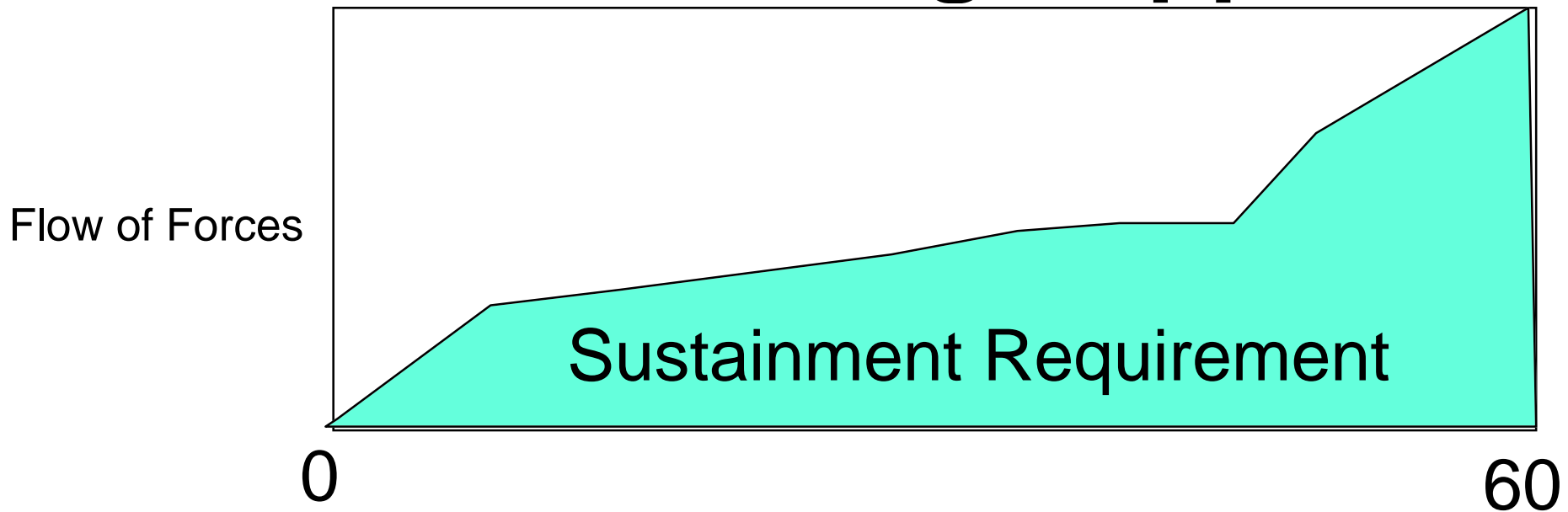




ENDURANCE

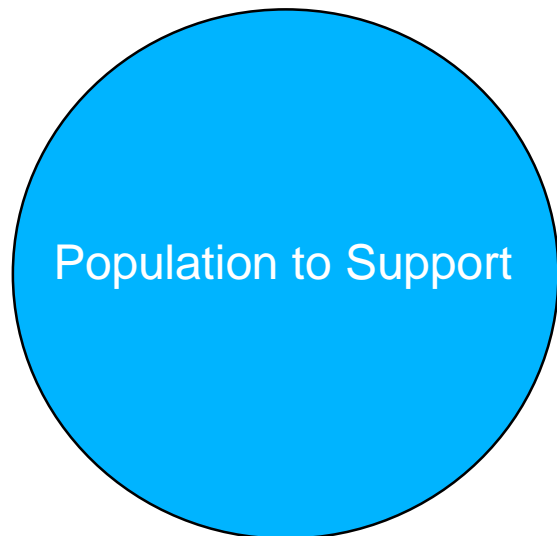


Time Phasing Support



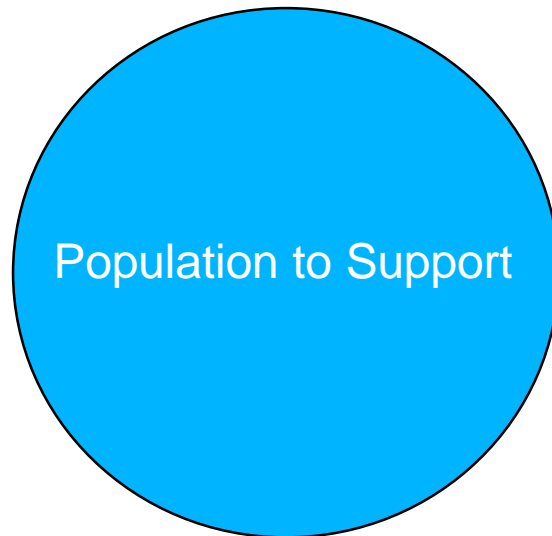
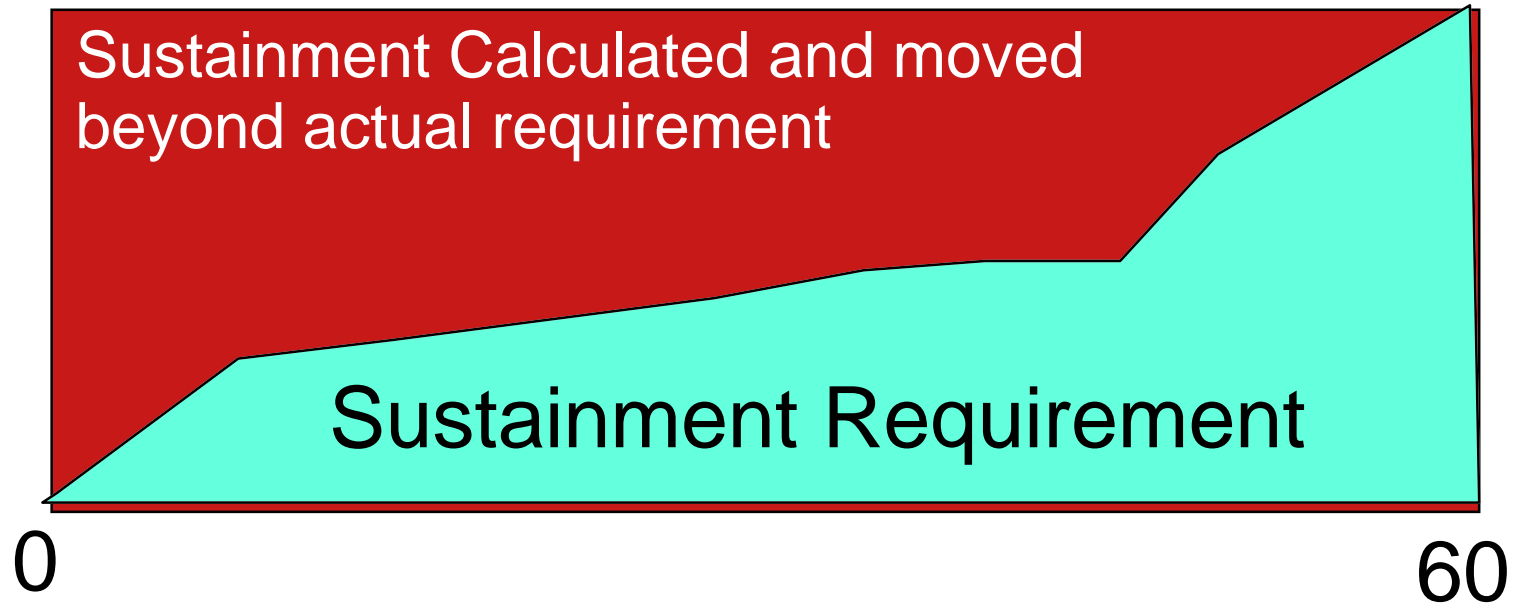
Requirement determined based on force flow for 60 days

Time Phasing Support



Requirement determined
based on Population to
support for 60 days

Time Phasing Support



Time Phasing Support

0

60

I MEF



II MEF



III MEF

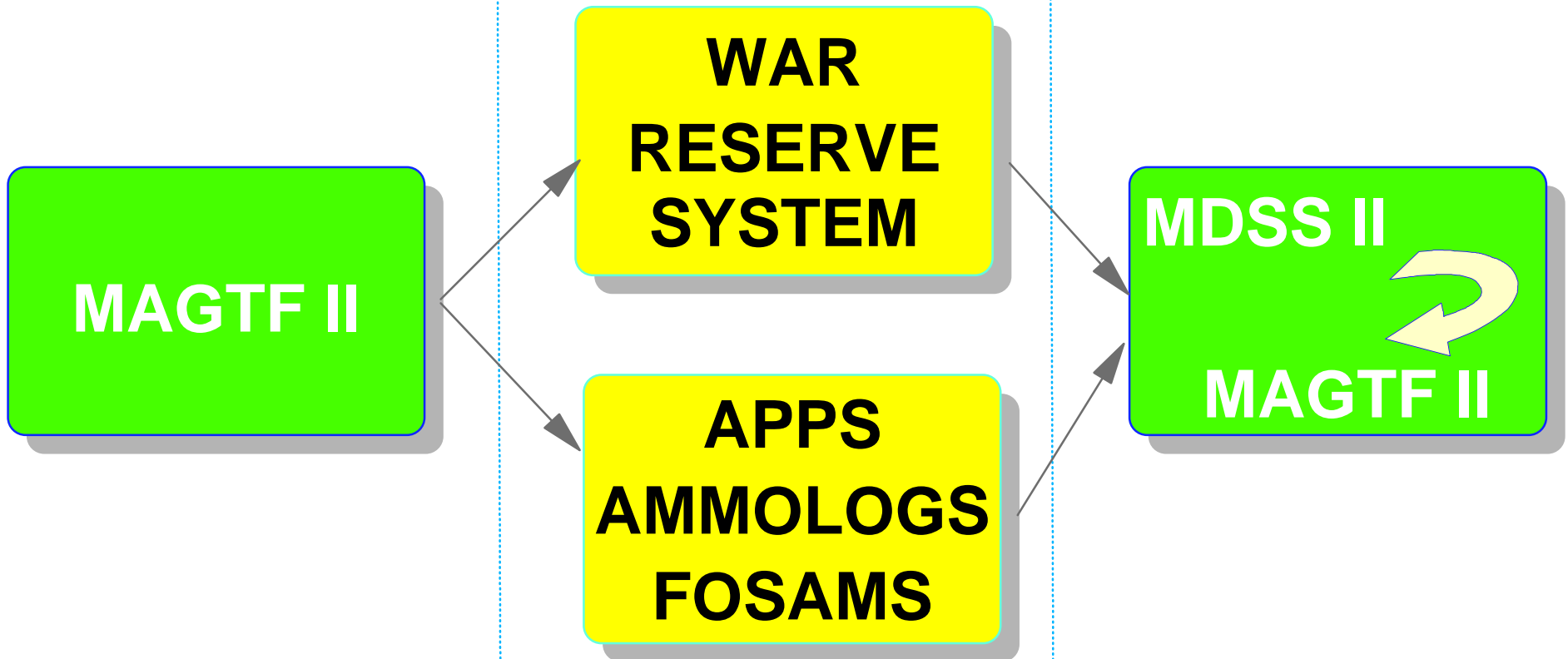


TOOLS

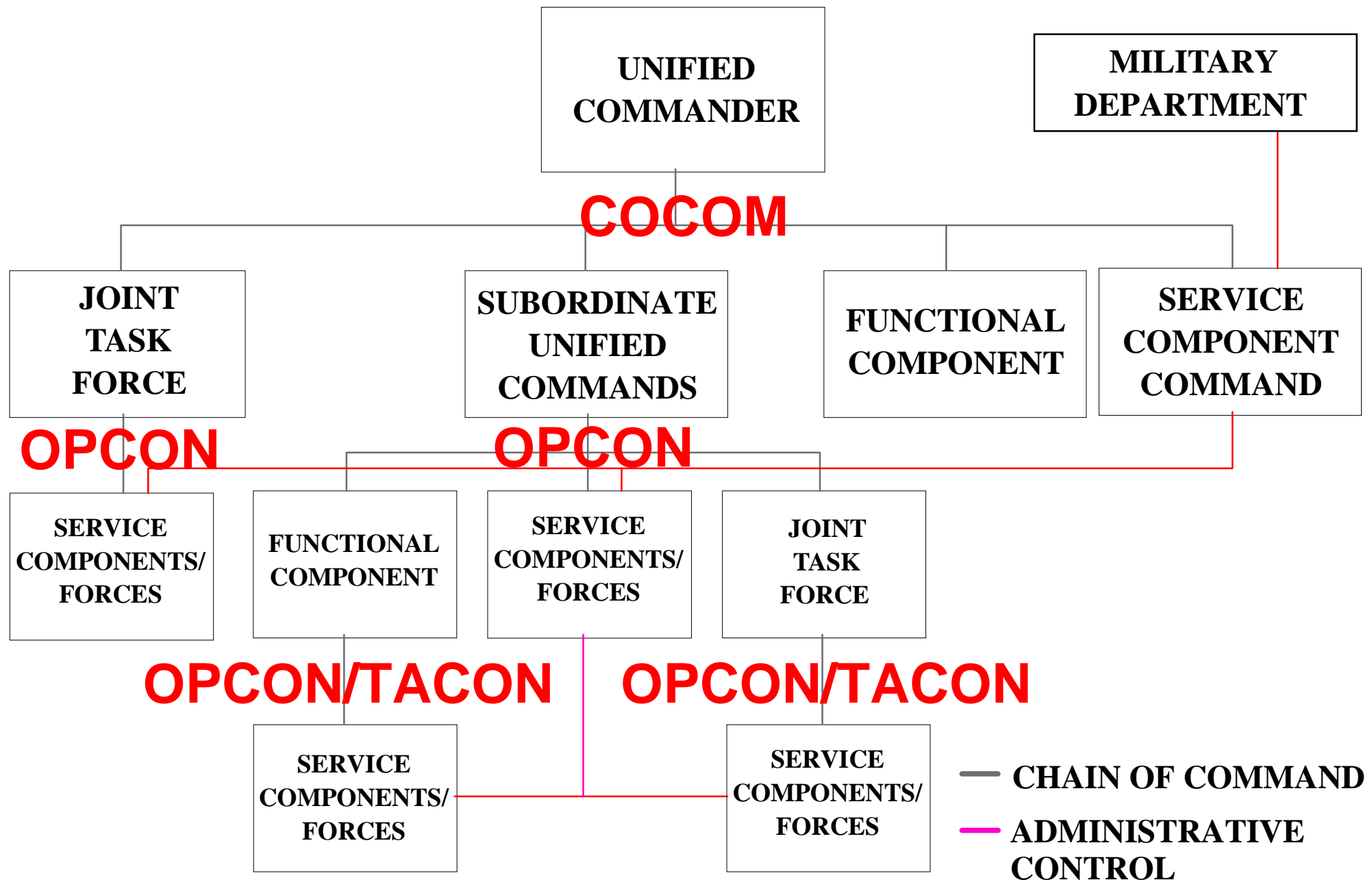
**Requirements
Development**

**Requirements
Sourcing**

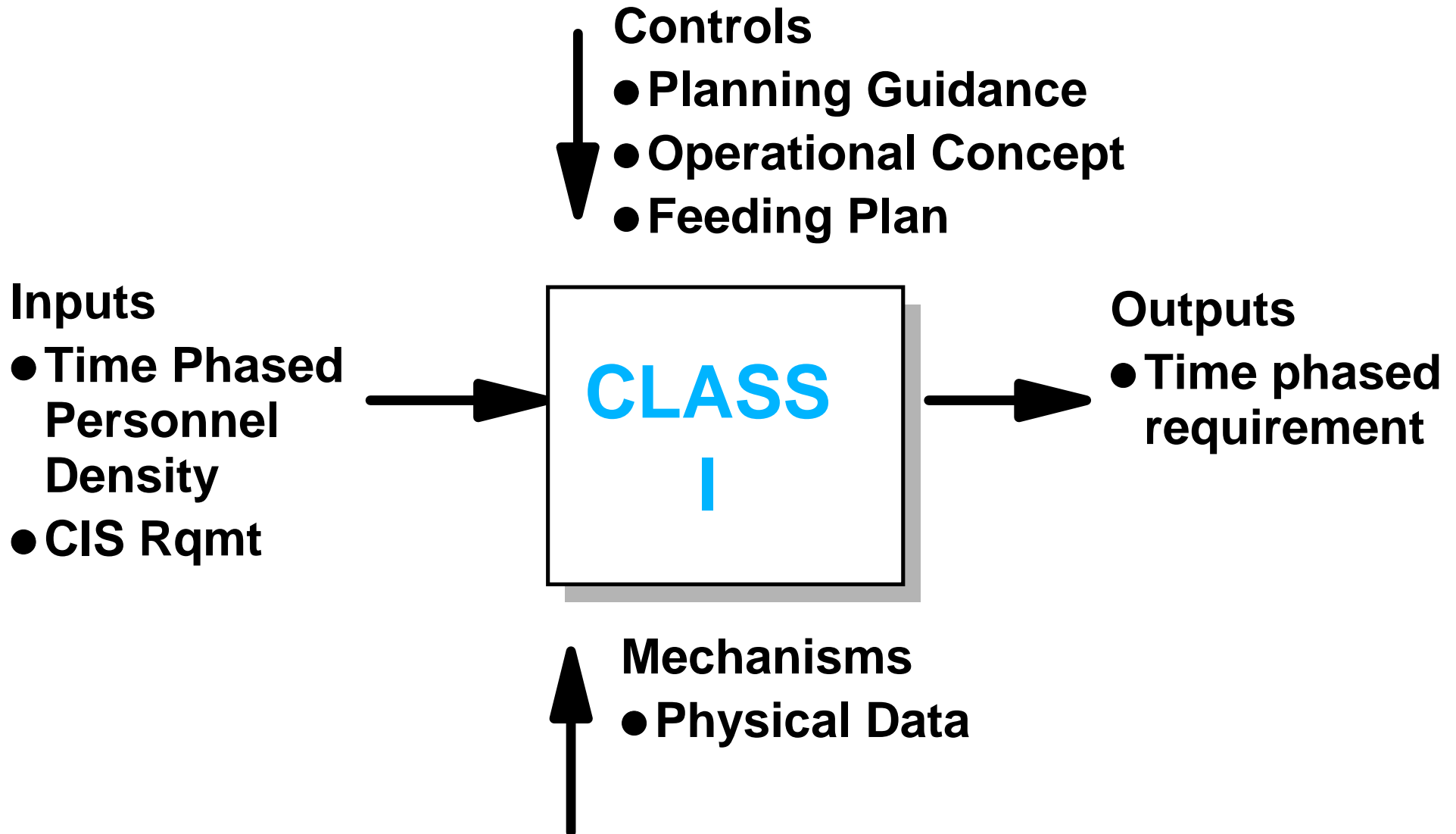
**Identification for
Movement**



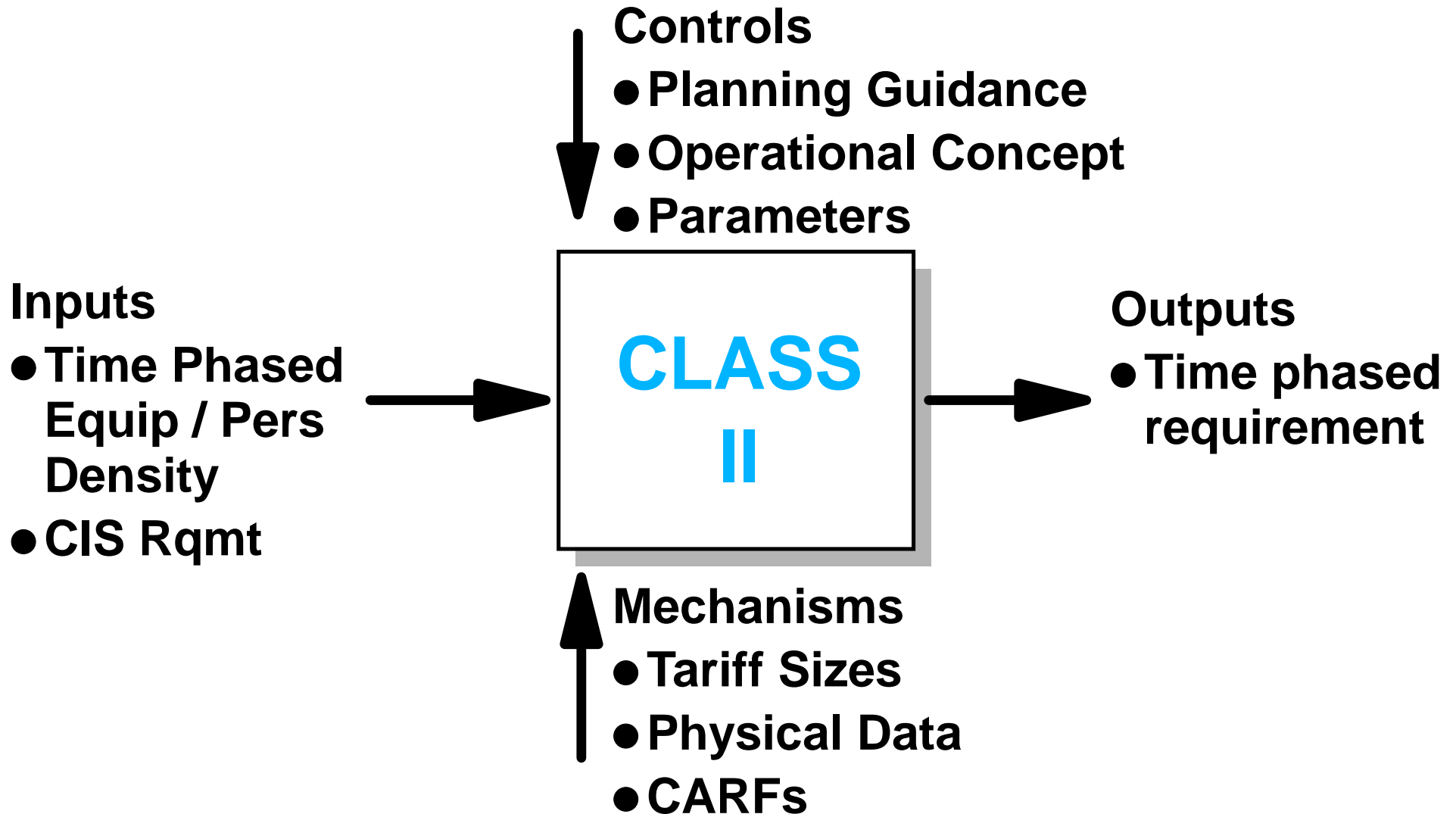
COMMAND RELATIONSHIPS



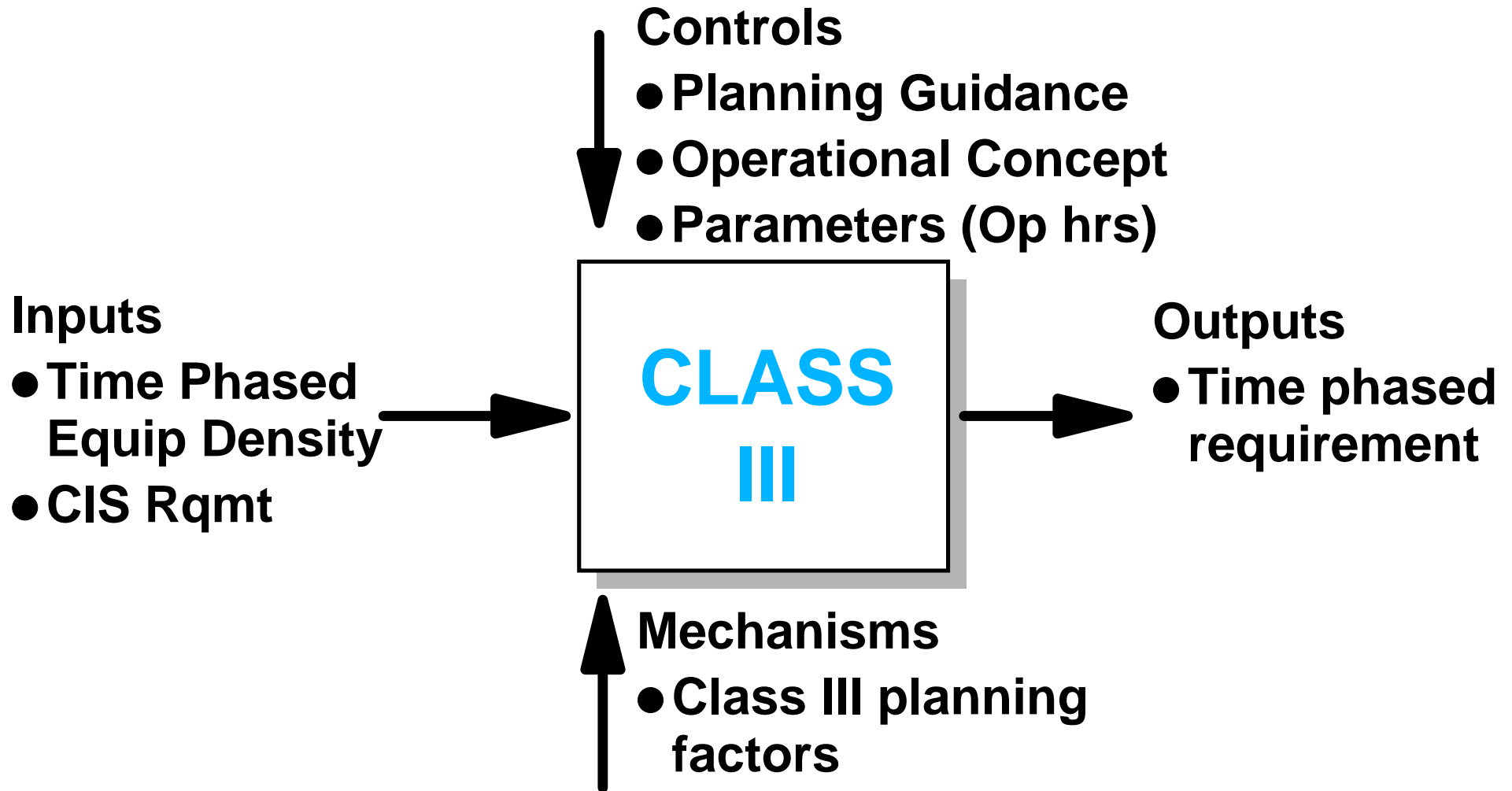
Class I Requirement Determination



Class II Requirement Determination



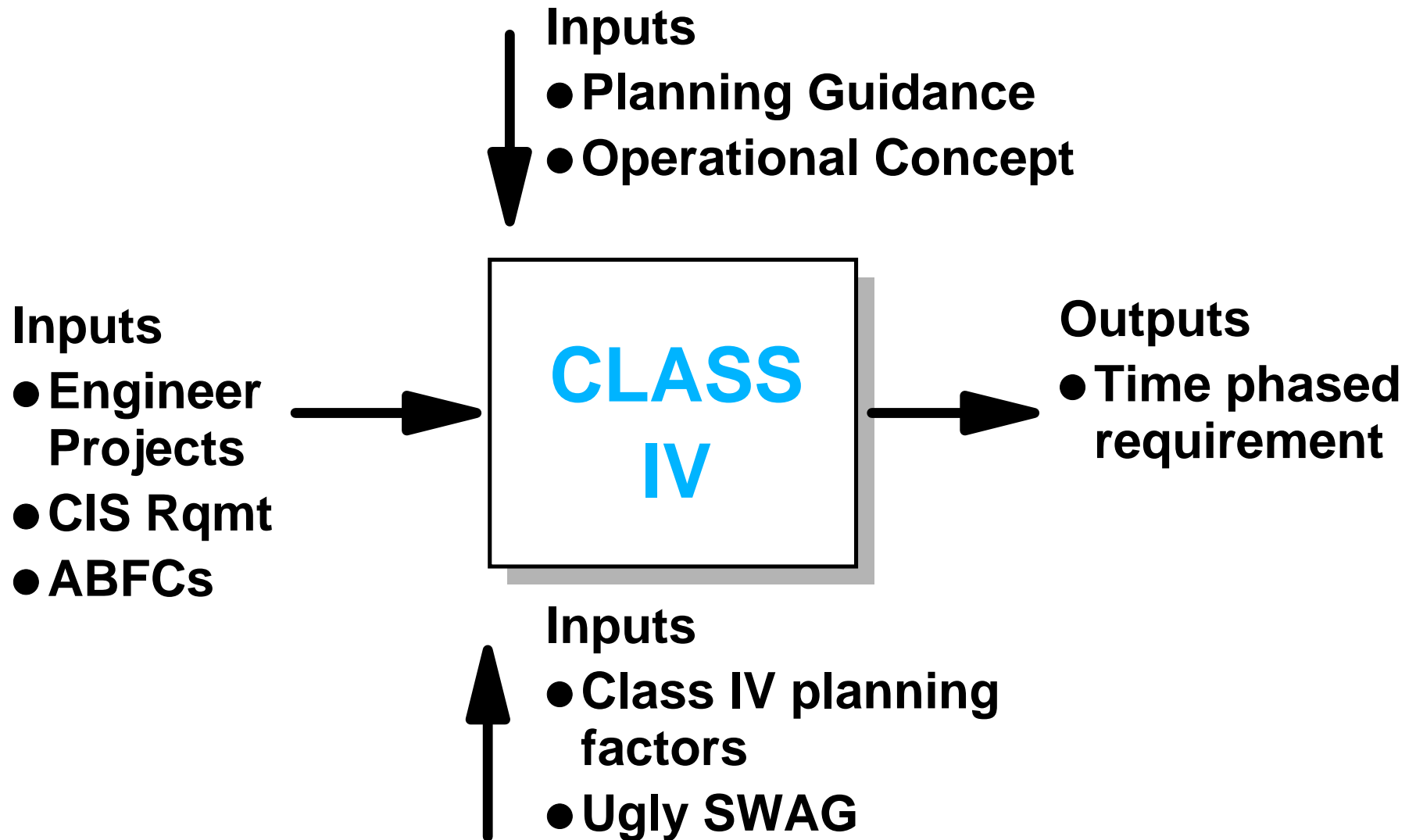
Class III Requirement Determination



Class III(B)

- ▶ **MARFOR Develops Service Component Requirement and Passes to Combatant CINC**
- ▶ **Joint Petroleum Office (JPO) Consolidates Theater Requirements**
- ▶ **All Theater Requirements Consolidated into Defense Fuel Support Center (DFSC) Inventory Management Plan (IMP)**
 - ▶ **Provides Detailed Requirements by Location**
 - ▶ **Catalogs Prepositioned Fuel Stocks World-Wide**
 - ▶ **Allows DFSC to Contract for Fuel Support for Daily Operations and Contingencies**

Class IV Requirement Determination



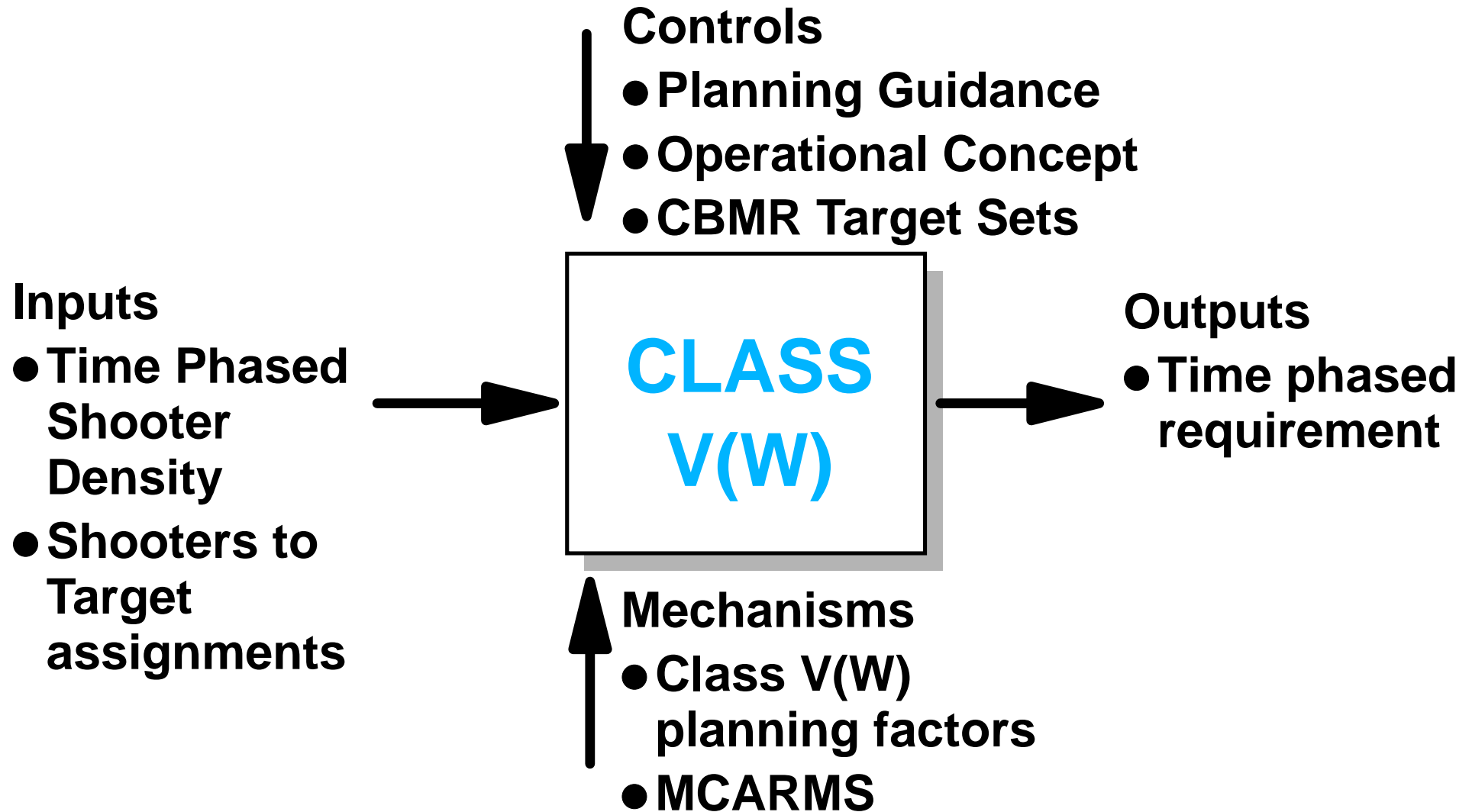
Class V Management

- ▶ **MARCORSYSCOM (PMAM)**
 - **Inventory Manager for USMC Ground Ammunition**
- ▶ **Single Manager for Conventional Ammunition (SMCA)**
 - **Army is Executive Agent**
- ▶ **Navy Manages Naval Aviation Ordnance**

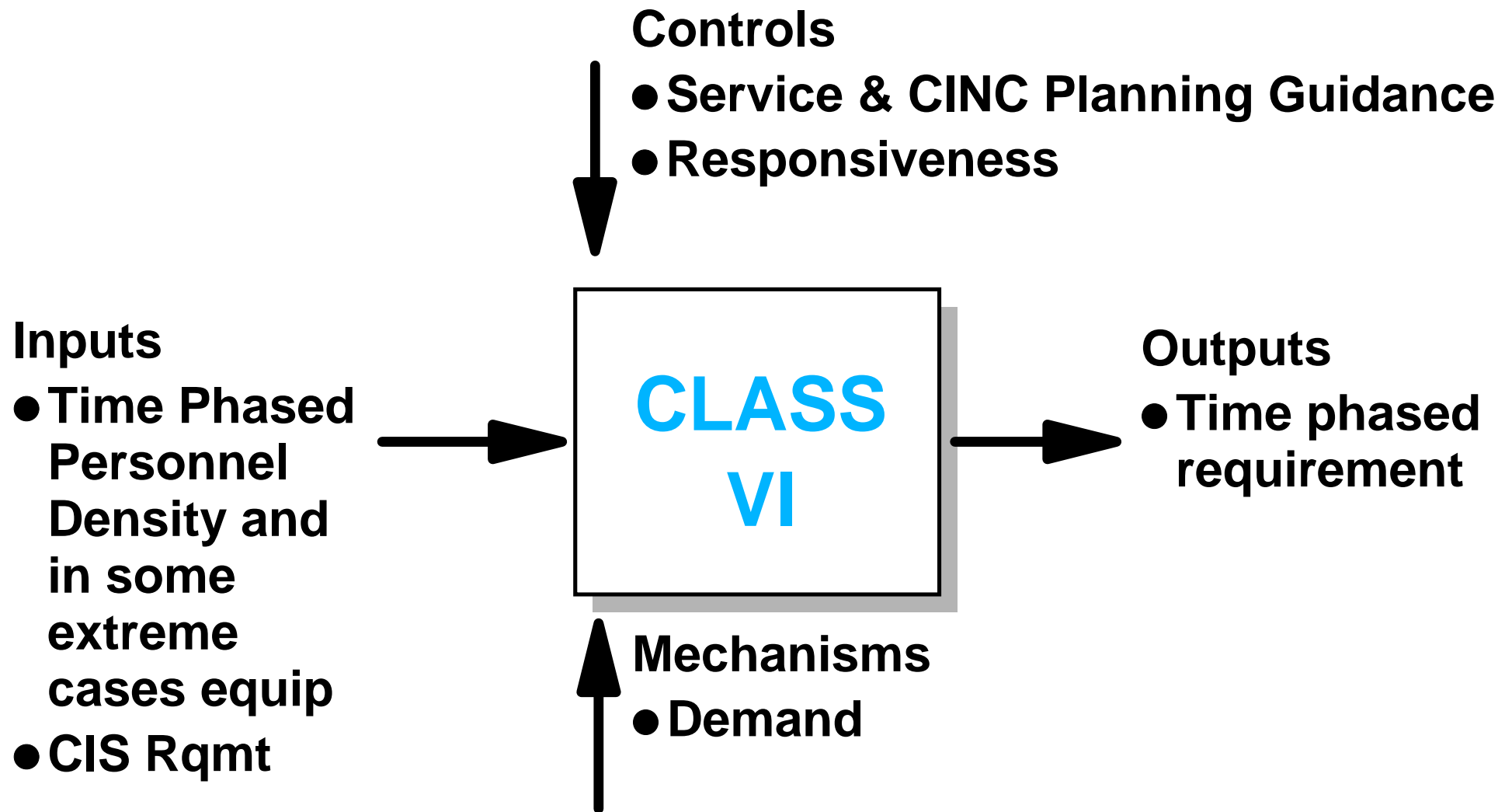
Sourcing V(A) & USN

- ***Sourcing*** is the key to planning ammo!

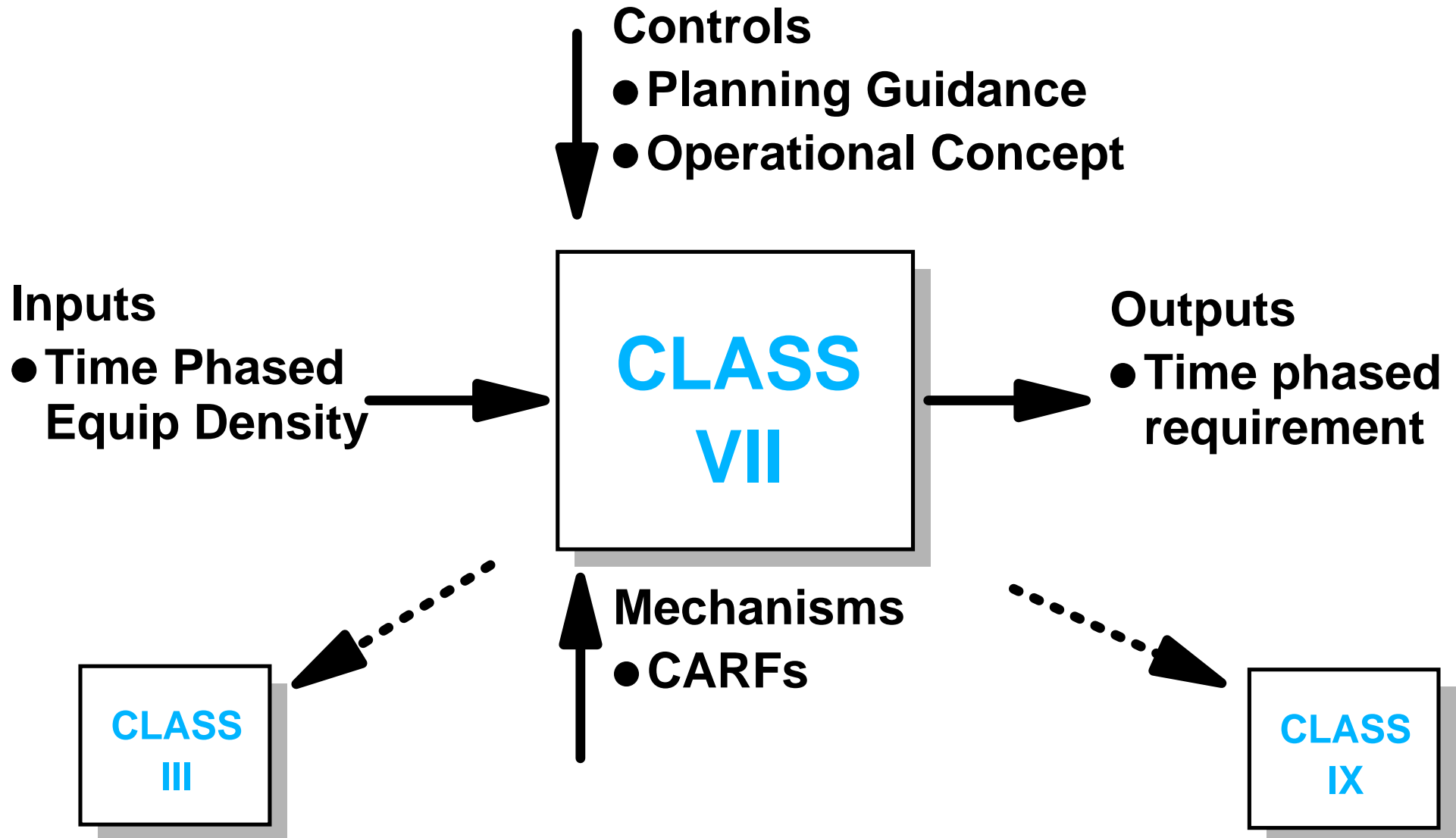
Class V(W) Requirement Determination



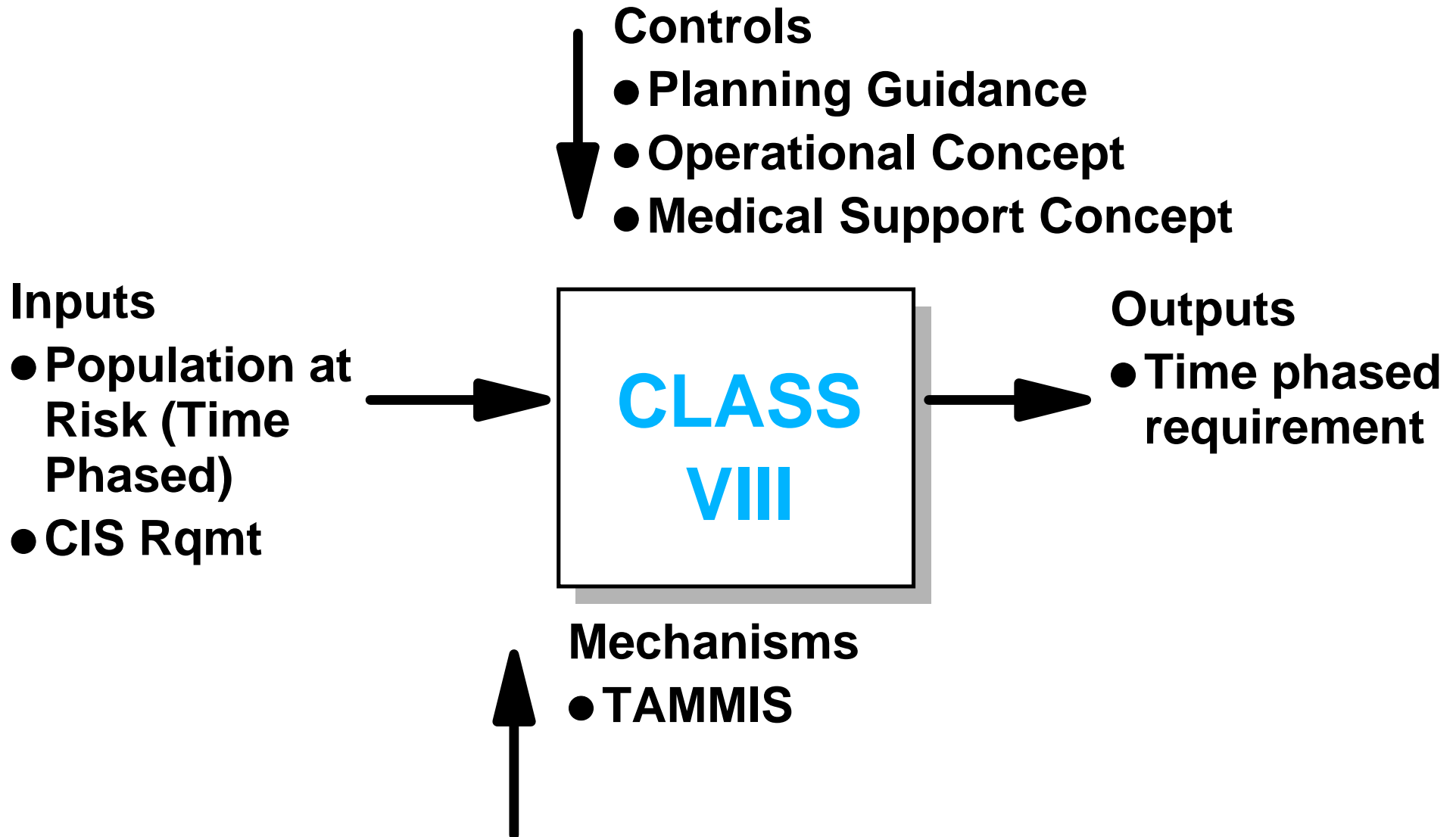
Class VI Requirement Determination



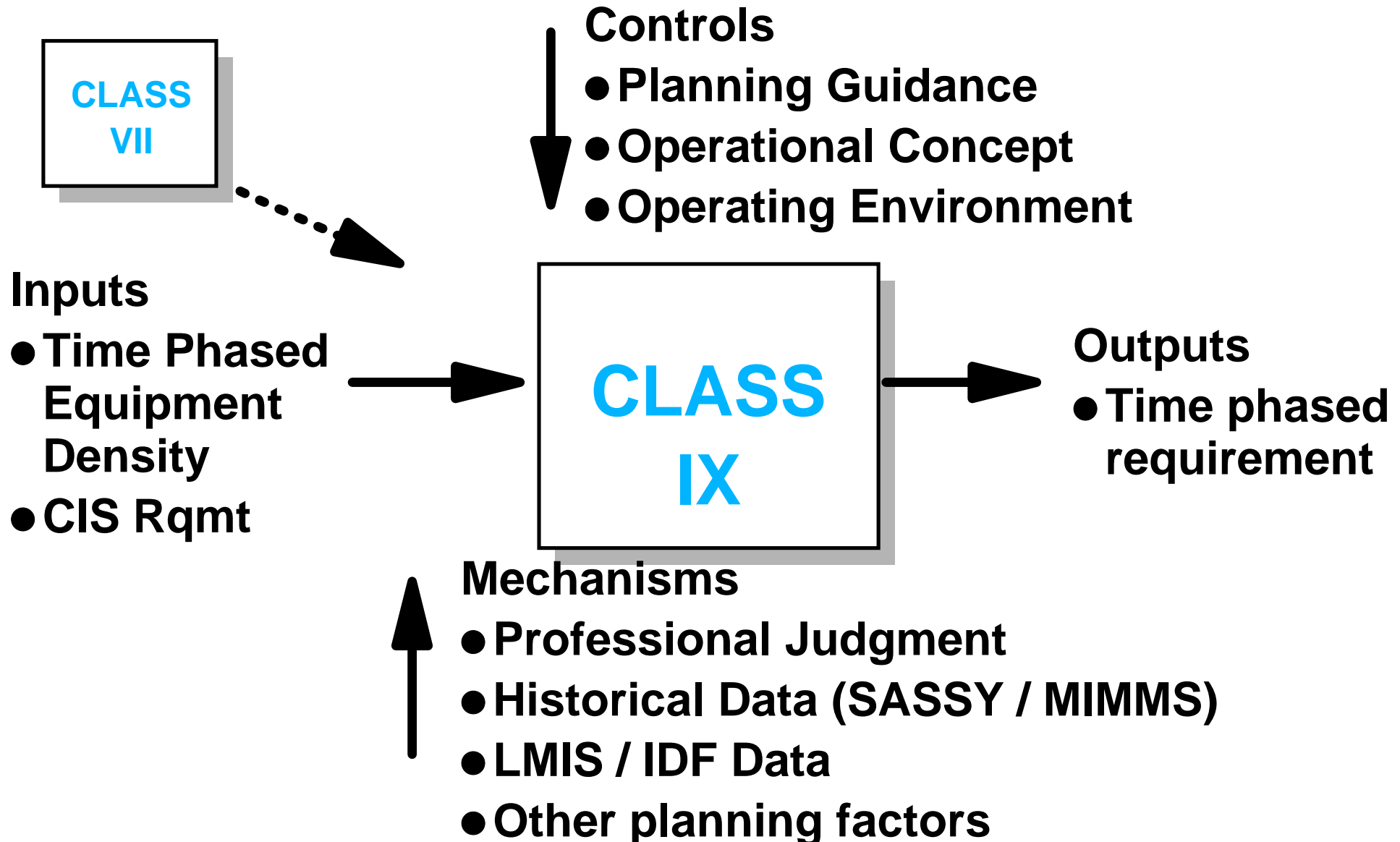
Class VII Requirement Determination



Class VIII Requirement Determination



Class IX Requirement Determination



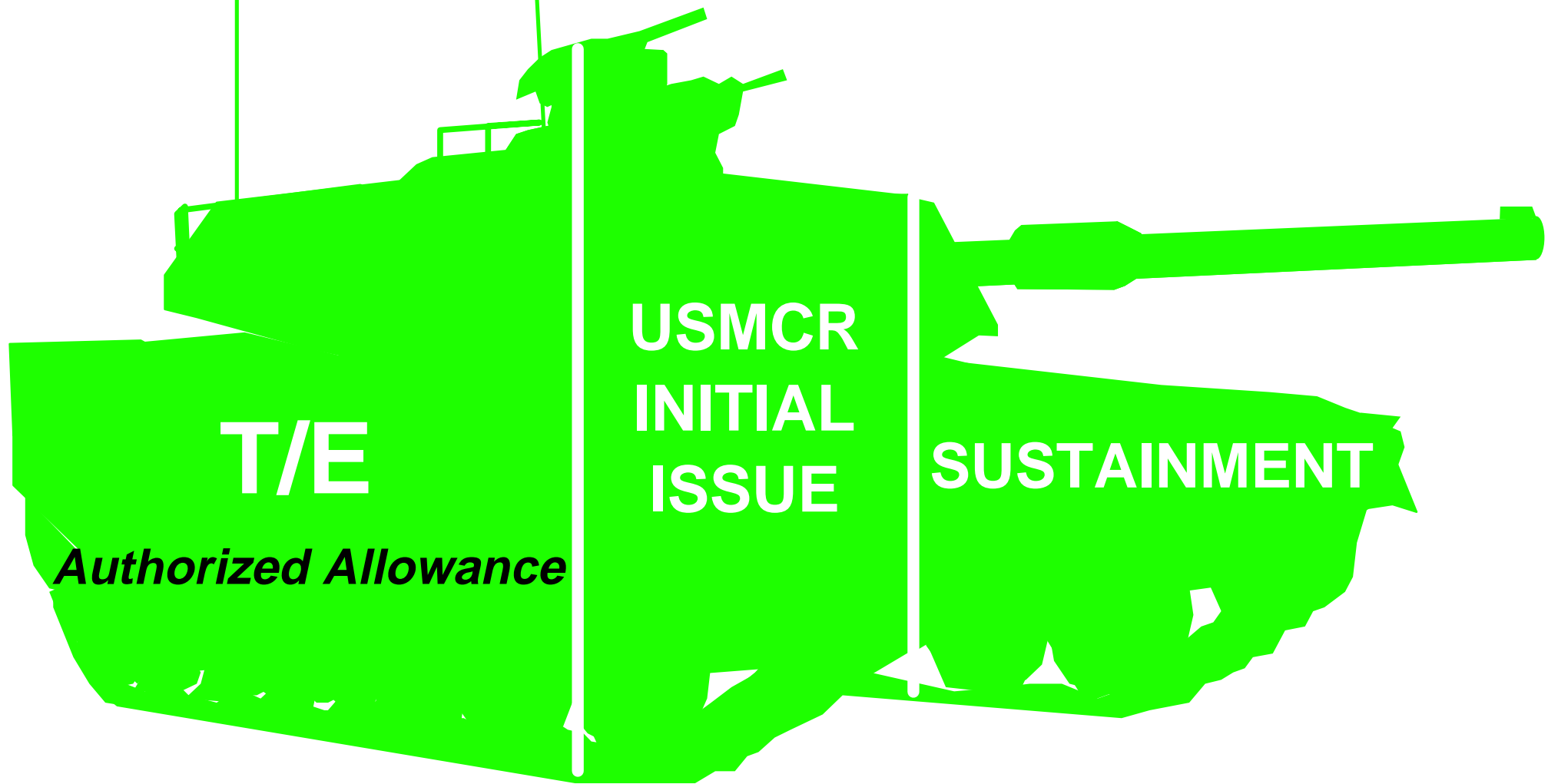
Sourcing



Force/Sustainment Sourcing

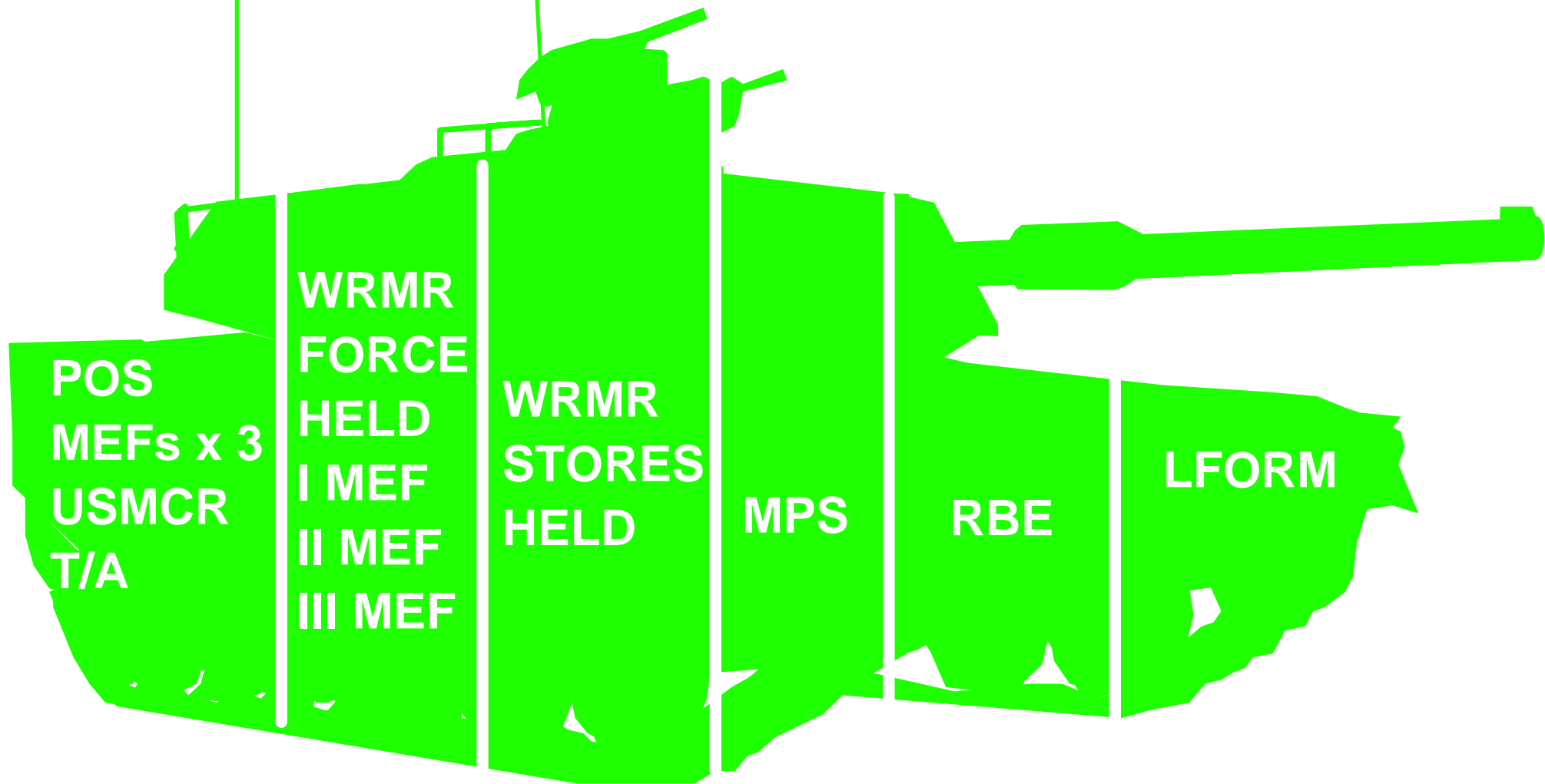
- Sourcing Priority Set by
 - CJCS - BETWEEN CONTINGENCIES
 - HQMC - LP (SUSTAINMENT)
 - MARFOR
 - MEF
 - MAGTF Commander with Employment Mission
- MSCs Determine Which Unit Fills the Requirement
 - Force Availability (TIME)

MATERIEL REQUIREMENTS SOURCING

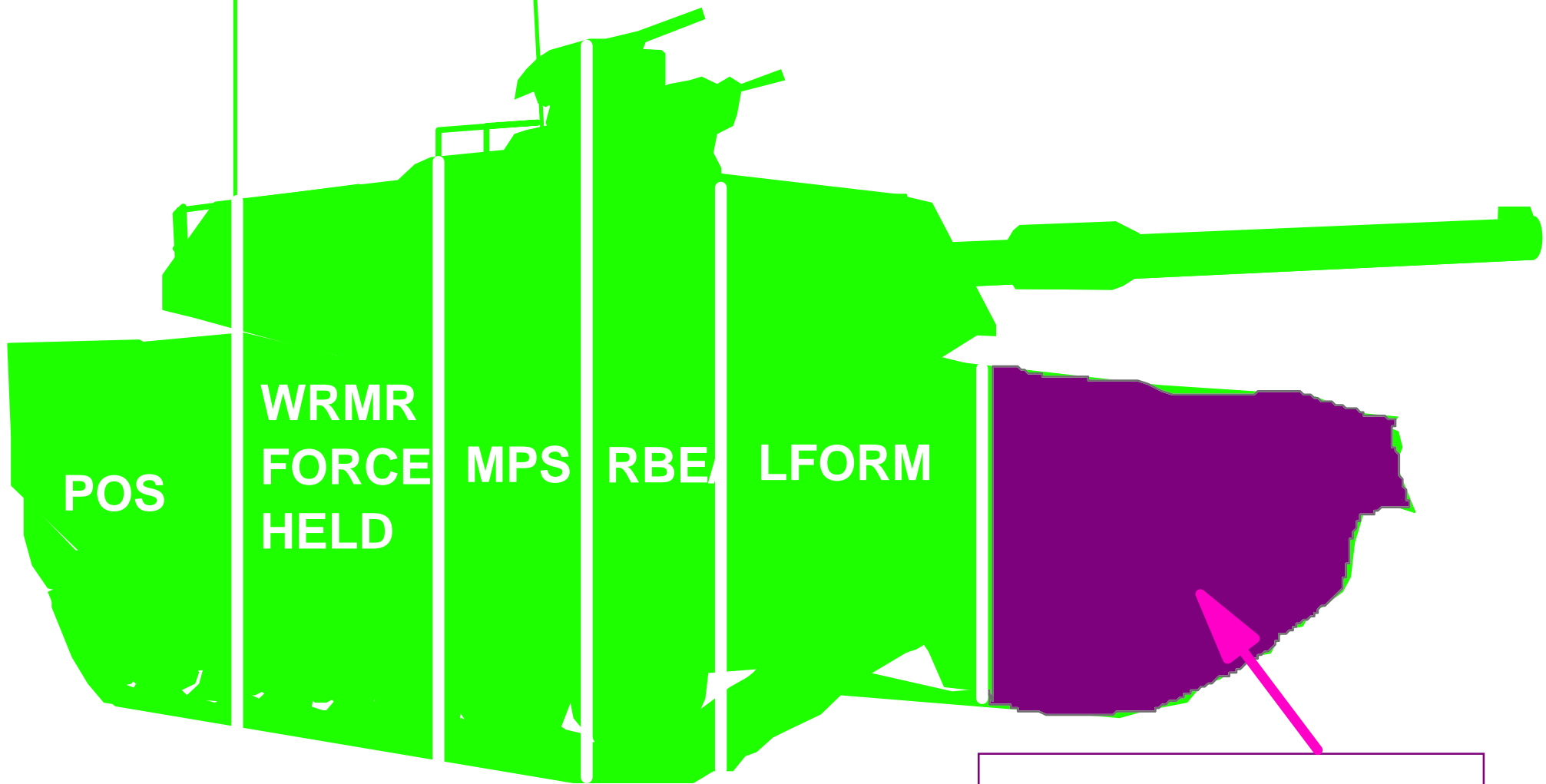


● MAGTF REQR = 72

GLOBAL SOURCING OPTIONS



SOURCE WITHIN THE MAGTF FIRST



**UNSOURCED
REQUIREMENT**

ADDITIONAL SOURCING FROM SUPPORTING MEFS

- COMMAND RELATIONSHIPS

- FAIRSH

- SE

MARFORs

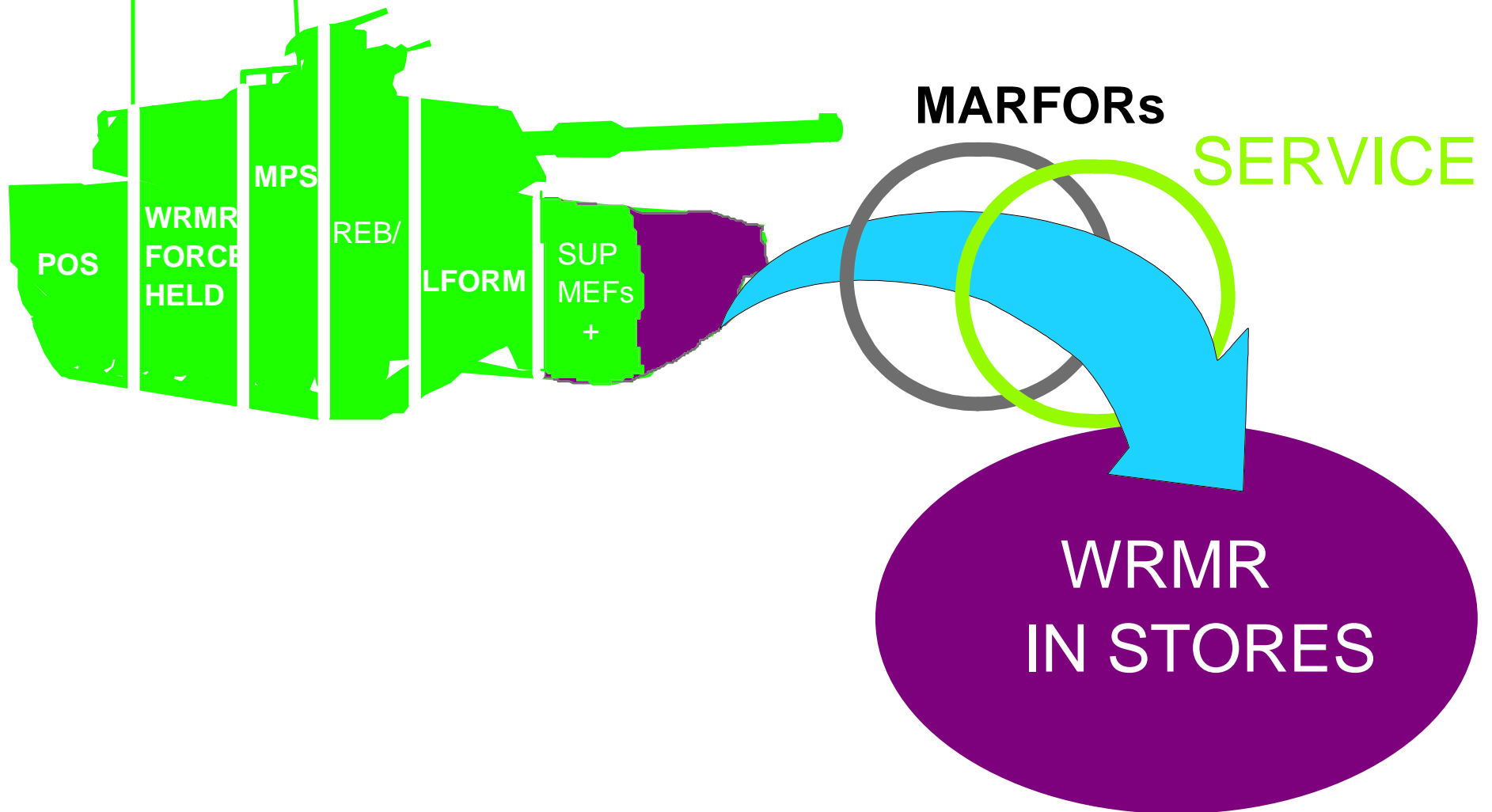
ATES WITH COMPONENT



SUPPORTING MEFS

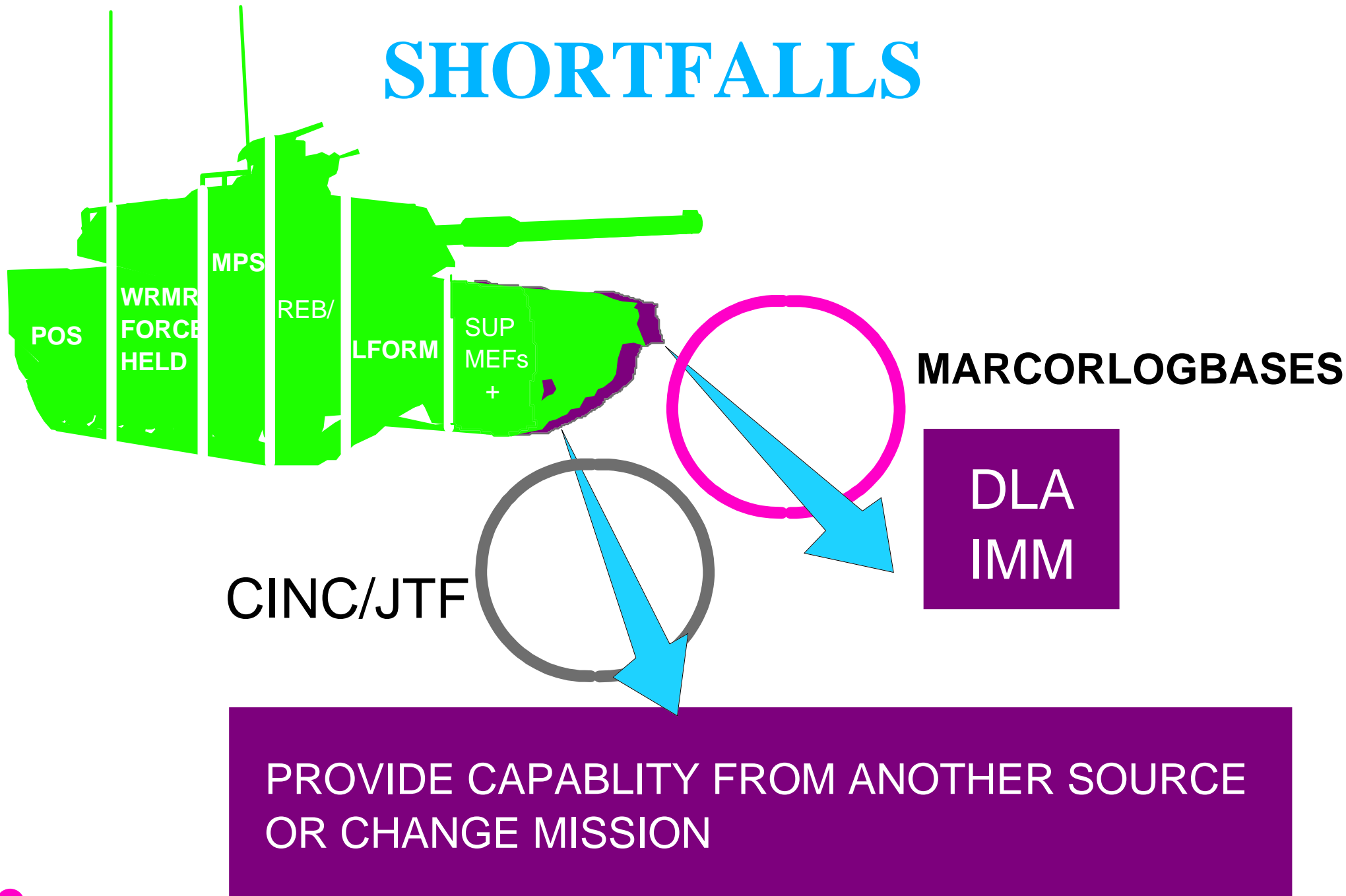


RESOLUTION OF UNSOURCED MATERIEL REQUIREMENTS



MARCORLOGBASES
ALBANY, GA

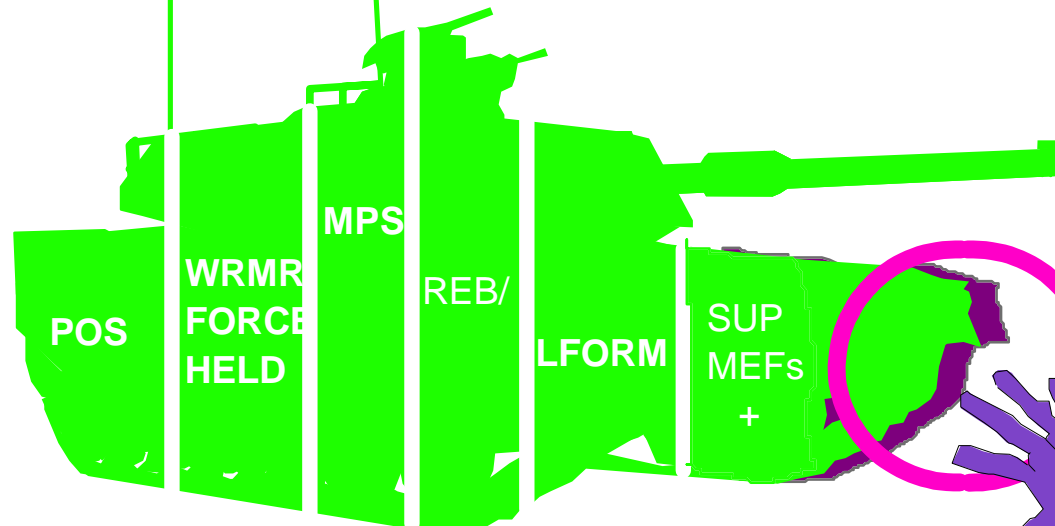
RESOLUTION OF SHORTFALLS



External Support

- **Common Item Support**
- **Host Nation Support**
- **Support to Coalition Forces**
- **Contracting Support**

SHORTFALLS



★ RISK ASSESSMENT

- ACCEPT
- MITIGATE
- CHANGE MISSION



